

**MINERAL REPORT**

Mineral Potential Report  
in Support of a Requested  
Federal Land Withdrawal in Railroad Valley,  
Northeastern Nye County, Nevada

Lands involved

Mount Diablo Meridian, Nevada

Township 7 North, Range 56 East  
Sections 2 through 17  
Sections 20 through 27

Township 8 North, Range 56 East  
Section 19 E1/2  
Sections 20 and 21  
Sections 27 through 35

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# **Mineral Potential Report**

In Support of a Requested Federal Land Withdrawal in  
Railroad Valley, Northeastern Nye County, Nevada

**Final**

**June 2022**

Prepared for  
**National Aeronautics and Space Administration**  
**Headquarters, Washington D.C.**

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## Executive Summary

The National Aeronautics and Space Administration (NASA) is requesting that the Secretary of the Interior withdraw and reserve 22,995.05 acres of public lands managed by the Bureau of Land Management (BLM) from all forms of appropriation or other disposition under the public land laws to preserve the land surface for NASA's satellite calibration activities within Railroad Valley, Nevada. The BLM published a Notice of Application for Withdrawal and Notification of Public Meeting in the *Federal Register* on April 29, 2021, temporarily segregating 22,995.05 acres of public lands from all forms of appropriation or other disposition under the public land laws, including the mining, mineral leasing, and geothermal leasing laws, for up to 2 years, subject to valid existing rights. Refer to Appendix A for a copy of the federal notice. The area initially requested for withdrawal overlapped with BLM-managed lands that are currently a part of the Railroad Valley Wildlife Management Area (WMA) in the western half of Section 19, Township 7 North, Range 56 East. As of November 29, 2021, NASA has canceled its application as to the approximately 320 acres overlapping the WMA to avoid this conflict. The current size of the Withdrawal Application Area (WAA) is 22,684 acres.

BLM's Tonopah Field Office manages the subject lands under the Federal Land Policy and Management Act of 1976 (FLPMA), as amended, and other laws applicable to public land. Since 1993, NASA has used the dry lakebed playa in Railroad Valley for satellite calibration and currently has a BLM-approved right-of-way for placement of its calibration instruments on the playa. Since 2018, NASA has been working with BLM to determine the best way to preserve the WAA for continued satellite calibration use. Following these discussions, NASA is asking for the Secretary of the Interior to withdraw the land for 20 years under Section 204 of FLPMA. Such a withdrawal can be extended, should circumstances warrant.

This report provides an assessment of the mineral occurrence potential and, where sufficient information is available, the mineral development potential of the subject lands. This assessment was completed in accordance with the guidance provided in BLM Manuals 3031 and 3060. This Mineral Potential Report (MPR) is intended to provide information regarding mineral resources to land managers for planning purposes.

## Site Location and Setting

The Railroad Valley playa is located in Nye County, Nevada, approximately 90 miles northeast of the town of Tonopah, Nevada. Railroad Valley is part of the Tonopah Desert Basin and is approximately 110 miles long and up to 15 miles wide, encompassing a total area of approximately 1,022 square miles (654,000 acres). The WAA is 4,708 feet (1,435 meters) above mean sea level. The 22,684-acre WAA covers approximately 40 percent of the playa, which is approximately 55,600 acres in total area (USGS, 2021a) (Figure ES-1). Railroad Valley is bordered to the east by the Grant Range and to the west by the Pancake Range. The WAA is at the lowest point in the closed Railroad Valley basin and remote, with no onsite access to any type of utilities.

## Geologic Setting

The types of potential mineral deposits within the WAA are limited by its physical and geological setting. The WAA site sits squarely in the middle of, and at the lowest point of, a large playa, with very little relief. Over the span of tens of miles, the floor of Railroad Valley slopes gently upwards to the north-northeast and south-southwest. The ground slopes more steeply upwards where alluvium from the ranges to the east and west meet the valley floor and then upwards to the peaks of the Grant and Pancake Ranges. No rock outcrops are on the WAA; the surface consists of relatively soft sediments that shrink and swell with

precipitation events. This part of Nevada receives approximately 6 inches of rain and 8 inches of snow annually.

In general, three important types of mineralization occur within the WAA. The first is associated with several hundred to almost 10,000 feet of interlayered volcanic rocks and evaporites, topped by up to 1,200 feet of progradational clastic rocks, that have been affected by hydrothermal waters and hydrological changes related to numerous filling and evaporation cycles of non-marine paleolakes. The second is related to the development of a potential brine complex underneath the playa and the surrounding areas of Railroad Valley. At depth and potentially related to the Chainman Formation and the valley's hydrothermal resources is the third type of mineralization and the one for which Railroad Valley is famous: oil and gas.

Information about the geochemistry of surface soils/sediments and surface waters in Railroad Valley is available from a number of sources, but relatively few data points are located on the WAA. Downhole lithologic and geochemical information obtained from wells completed on the WAA provide limited information about the subsurface but typically at depths of a few hundred feet or more.

Publicly available information strongly suggests the presence of a brine deposit within, and adjacent to, the WAA, and limited public information is available about the geochemistry of this deposit. While sodium appears to be the main exploration target for these deposits (Loomis et al. 2021), other valuable minerals and extractable elements are also likely to be present or potentially present. Some of the more common commodities found in brines include lithium, potassium, phosphate, and boron.

The first documented use of the geologic resources in Railroad Valley was the mining of surface salts in the 1880s. Railroad Valley is the site of the first oil well in Nevada, and in 2020, it was the source of more than 80 percent of Nevada's oil production. Six designated and currently producing oil fields and one oil and gas field are located within a few miles of the WAA, though the Sans Spring Field is the only one located within the WAA.

## Mining Claims and Leases

Within the WAA are 618 placer mining claims held by two companies: 3PL Operating Inc. and Lithium Ore Corp. Lithium Ore Corp. is listed as the claimant on a total of five of these claims but its interest in these five claims was transferred to 3PL Operating Inc. in October 2018. In total, these mining claims cover about 12,360 acres or approximately 54 percent of the WAA. Within Township 7 North, Range 56 East (Mount Diablo meridian), claims cover all of Sections 2, 3, 9, 10, 11, 12, 13, 14, 15, 16, 21, 22, 23, 24, 26, and 27 and parts of Sections 4, 5, 8, 17, 20, and 25. In Township 8 North, Range 56 East (Mount Diablo meridian), claims cover approximately 100 acres of Section 33.

A total of 16,880 acres (approximately 74 percent) of the WAA is currently leased for oil and gas resources. This includes all of Sections 2-11, 13, 15-17, 20-23, and 25-27, and parts of Sections 12, 14, and 24 in Township 7 North, Range 56 East (Mount Diablo meridian), and all of Sections 27, 34, and 35 in Township 8 North, Range 56 East (Mount Diablo meridian). The leaseholders with the largest holdings include Roy G. Barton, Barton Roy G., and the Roy G Barton Sr & Opal Barton Revocable Trust, who have leases on 13 entire Sections and 3 partial Sections. No geothermal leases are in the area.

## Strategic and Critical Minerals in the Project Area

Two strategic minerals (silver and tungsten) and 18 critical minerals (including tungsten) are actively mined in Nevada. Based on the research completed as part of this MPR, three critical minerals—barite, lithium, and magnesium—have moderate to high potential to be present within the WAA.

## Mineral Potential Summary

Based on the research completed during preparation of this MPR, 11 commodities with a mineral potential classification of moderate to high were identified within the WAA (Table ES-1). The extraction of oil and gas resources is the only activity that has been completed to any significant degree within the WAA. Any withdrawal would be subject to valid existing rights; oil and gas development activities would be expected to continue consistent with those rights.

**Table ES-1. Mineral and Energy Resources within the Withdrawal Application Area that have a Moderate to High Mineral Potential Classification**

Mineral Resource	Deposit Type	Recorded Production	Resource Potential	Certainty Level	Comments
Oil and Gas	Sedimentary/volcanic	54,105,752 barrels through 2020 <sup>a, b</sup>	High	D	
Oil Shale/ Natural Gas	Sedimentary	~202 million cubic feet from 1992 through 2020 <sup>c</sup>	High	C	For the portion of Railroad Valley that is underlain by the Chainman Formation. All natural gas currently produced is from five wells that operate in the Kate Springs Field
Oil Shale/ Natural Gas	Sedimentary	N/A	Moderate	B	Western portion of Railroad Valley.
Geothermal	Sedimentary/volcanic	N/A	High	C	Within 2 miles of springs that line the eastern and western edges of Railroad Valley.
Geothermal	Sedimentary/volcanic	N/A	Moderate	C	Within the majority of the WAA, and at least 2 miles from any surface springs.
Potassium	Soil/sediment	N/A <sup>d</sup>	Moderate	C	
Potassium	Brine	N/A	High	C	Within areas of WAA interpreted to host brine deposits. No recorded production to date.
Sodium	Soil/sediment	N/A <sup>d</sup>	High	D	
Sodium	Brine	N/A	High	D	Within areas of WAA interpreted to host brine deposits. No recorded production to date.
Tungsten	Soil/sediment	N/A	Moderate	B	No recorded production to date.
Tungsten	Brine	N/A	High	C	Within areas of WAA interpreted to host brine deposits. No recorded production to date.
Magnesium	Soil/sediment/rock	N/A	High	D	No recorded production to date.
Magnesium	Brine	N/A	Moderate	B	Within areas of WAA interpreted to host brine deposits. No recorded production to date.

## Mineral Potential Report

Mineral Resource	Deposit Type	Recorded Production	Resource Potential	Certainty Level	Comments
Barium	Brine	N/A	Moderate	B	Within areas of WAA interpreted to host brine deposits. No recorded production to date.
Lithium	Soil/sediment	N/A	High	D	No recorded production to date.
Lithium	Brine	N/A	High	D	Within areas of WAA interpreted to host brine deposits. No recorded production to date.
Boron	Soil/sediment	N/A	High	C	No recorded production to date.
Boron	Brine	N/A	High	D	Within areas of WAA interpreted to host brine deposits. No recorded production to date.
Phosphate	Soil/sediment	N/A	Moderate	C	No recorded production to date.
Phosphate	Brine	N/A	High	C	Within areas of WAA interpreted to host brine deposits. No recorded production to date.

<sup>a</sup> Muntean et al. 2021

<sup>b</sup> barrels of oil

<sup>c</sup> Obtained from annual Mineral Industry Reports published by the NBMG 1992-2020

<sup>d</sup> Surface "salts" from the north side of the marsh were scraped into piles in the 1880s for use as a chlorinating agent in the silver mills of Tybo, but production volumes were not reported.

For most of these mineral resources, sufficient information is not publicly available to project that commodity's development potential or economic potential. This is partly due to the remoteness of the WAA, which is reflected by the general lack of transportation and utility infrastructure, and partly due to lack of reserve data, such as depth to deposits, concentrations of the mineral(s), presence of other valuable minerals, as well as undetermined/unproven extraction methods and other logistical challenges. At least one publicly available source documents the presence of a brine deposit near the center of the WAA, but limited information about the extent of the deposit or its geochemistry has been made public.

For the purposes of this MPR, publicly available geophysical information was combined with the interpreted boundaries of Railroad Valley and observations and interpretations from previous studies and reports to define a boundary for the potential brine deposit. That boundary was used to differentiate the mineral potential for mineral resources anticipated to be present in potential brine deposits. Maps that illustrate the interpreted lateral extent of the potential brine and the associated mineral potential classification are provided in the report.

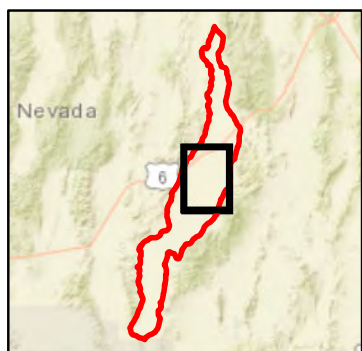
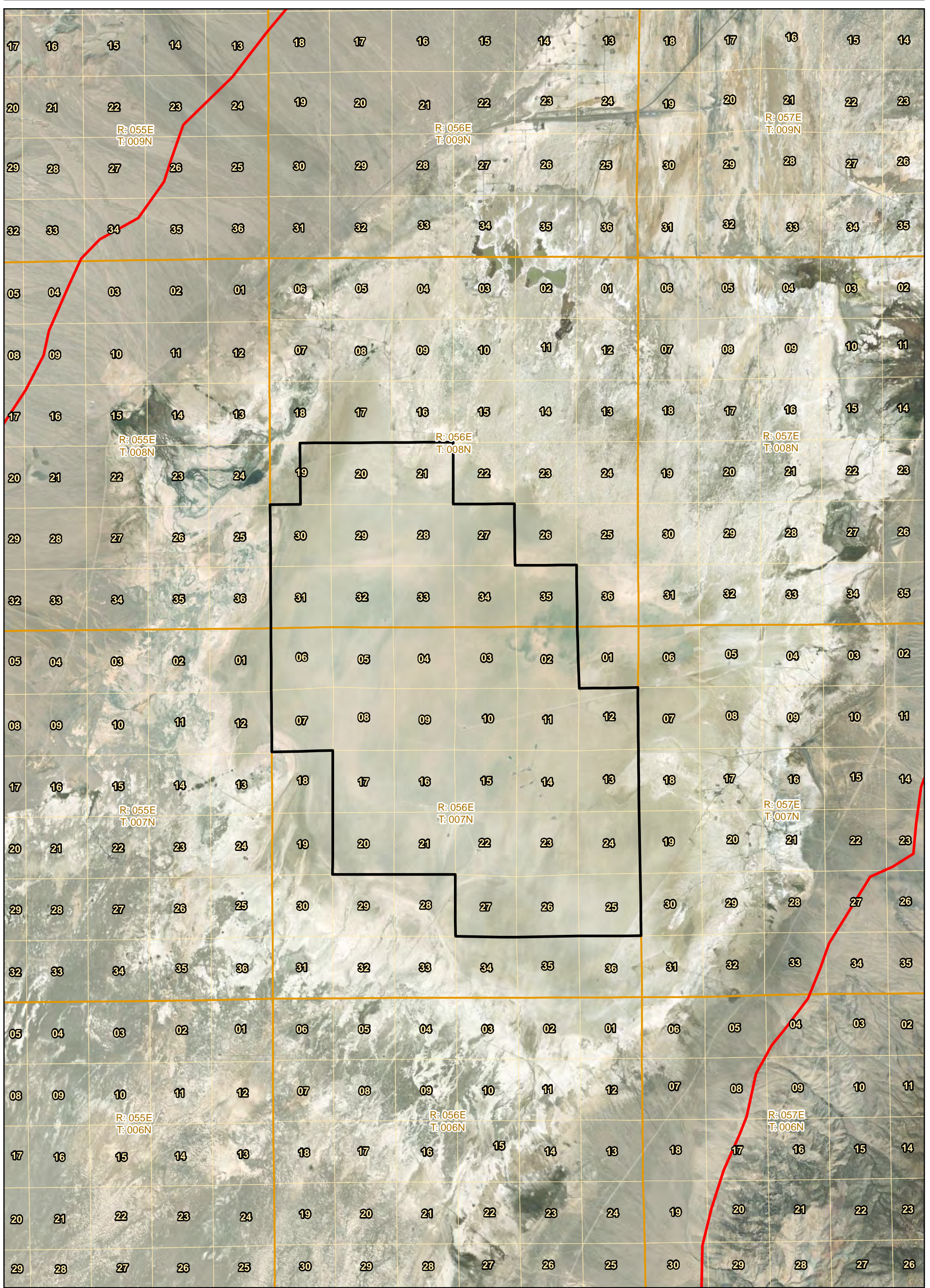
Based on information received from claimants and leaseholders, other public information, and press releases from explorationists with interests in Railroad Valley, a significant amount of investigation has been completed related to the mineral resource (lithium and sodium in particular) potential on and around the WAA. Limited information provided by several of these companies supports the conclusions of this report. Based on the interpretation of publicly available information, the likelihood of other mineral development on the WAA appears unknown.

## Recommendations

Where and if possible, the collection of field data is recommended to further investigate the potential for lithium and other mineral resources in potential brine deposits and the lateral extent of the potential brine deposits. This investigation could include drilling a sufficient number of wells to characterize the stratigraphy combined with analysis of soil and water/brine to determine the concentrations of lithium and other mineral resources at depth and the geochemistry of the brine. The purchase or collection of geophysical data and expert analysis to define the lateral boundaries of the brine deposit is also recommended. Alternatively, BLM could facilitate a discussion about these concerns because it is believed that much of this information has been collected but has not been made public.

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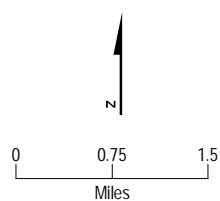
**LEGEND**

- Railroad Valley Boundary
- RRV - Withdrawal Application Area
- Township Boundary
- Section Boundary

Notes:  
Imagery Source: ESRI World Imagery online mapping service

The boundaries of Railroad Valley were estimated based on the topographic contours and labeling on United States Geological Survey 7.5-minute series topographic maps.

RRV = Railroad Valley



**Figure ES-1**  
**Location of the Withdrawal Application Area**  
Mineral Potential Report  
Railroad Valley, Nye County, Nevada



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## Acronyms and Abbreviations

Acronym	Definition
°C	degree(s) Celsius
°F	degree(s) Fahrenheit
amsl	above mean sea level
ASTER	Advanced Spaceborne Thermal Emission and Reflection Radiometer
bgs	below ground surface
BLM	Bureau of Land Management
CFR	<i>Code of Federal Regulations</i>
DOE	U.S. Department of Energy
EA	Environmental Assessment
EIA	U.S. Energy Information Administration
FLPMA	Federal Land Policy and Management Act of 1976
HSSR	Hydrogeochemical and Stream Sediment Reconnaissance
K <sub>2</sub> O	potash
mg/L	milligram(s) per liter
MLRS	Mineral & Land Records System
MPR	Mineral Potential Report
MT	magnetotelluric
N/A	not applicable
NASA	National Aeronautics and Space Administration
NBMG	Nevada Bureau of Mines and Geology
NDOM	Nevada Division of Minerals
NPS	National Park Service
NREL	National Renewable Energy Laboratory
NURE	National Uranium Resource Evaluation
ppb	part(s) per billion
ppm	part(s) per million
U.S.	United States
USGS	U.S. Geological Survey
WAA	Withdrawal Application Area
WMA	Wildlife Management Area

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# 1. Introduction

## 1.1 Purpose and Scope

The National Aeronautics and Space Administration (NASA) contracted with CH2M HILL, Inc.<sup>1</sup> to prepare this Mineral Potential Report (MPR) to support NASA's environmental assessment (EA) for the application to the Secretary of the Interior to withdraw and reserve land in Railroad Valley, Nevada (Figure 1-1). The EA provides an analysis of the potential environmental effects of withdrawing<sup>2</sup> and preserving approximately 22,684 acres of Bureau of Land Management (BLM)-managed lands on a dry lakebed playa within Railroad Valley. Should the Secretary grant NASA's request and withdraw and reserve the land, the Withdrawal Application Area (WAA) would be closed to all forms of appropriation or other disposition under the public land laws, including mining, mineral leasing, and geothermal leasing laws for a period of 20 years to preserve the integrity of the land surface in the withdrawal area for use in NASA's Earth-observing satellite calibration activities. More information about the NASA project and the purpose and need for withdrawal is provided in Section 1.3. Figure 1-2 shows the location of the WAA within Railroad Valley.

In accordance with BLM regulations, a mineral resource assessment is required for withdrawals (*Code of Federal Regulations* [CFR] Title 43, Section 2310.3-2). As detailed in Section 3060.1 of BLM Manual 3060 – *Mineral Reports – Preparation and Review* (BLM, 1994), withdrawals of land from BLM management require an MPR, which is a specific type of mineral resource assessment. Section 3031.2 of BLM Manual 3031 – *Energy and Mineral Resource Assessment* (BLM, 1985) states that the minimum quality and quantity of mineral resource data, known as the level of detail, must match the needs of the decision maker to make an informed decision. BLM Manual 3031 also clarifies that the withdrawal of lands from mineral leasing requires an intermediate level of detail. Accordingly, this MPR was completed using the "Procedural Standards for Intermediate Level of Detail" in BLM Manual 3031.

According to BLM Manual 3060, the purpose of an MPR is to describe and discuss the "potential of the area for contained energy and mineral resources deposits." This MPR presents a research-based prediction of the likelihood of the occurrence of these resources, with the understanding that the occurrence of a mineral resource does not necessarily imply that the mineral can be economically exploited and does not imply that the quality and quantity of the resource are known (BLM, 1985). In this report, the project team used the criteria and classification scheme in BLM Manual Section 3031.3 to identify relevant mineral occurrence models, document the presence or absence of favorable geologic conditions, and estimate the potential for mineral resources to be present on the project site, or on parts of the project site.

Based on the research completed in preparation for this MPR, the amount of geological information available about the minerals known or inferred to exist is sufficient to assess the mineral potential without the need for field survey. Therefore, no field studies were completed. This MPR addresses the locatable, salable, and leasable (solid and fluid) mineral resources that are known or inferred to exist on the project site as of the date of this report.

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<sup>1</sup> CH2M HILL, Inc. is a wholly owned subsidiary of Jacobs Engineering Group Inc.

<sup>2</sup> Withdrawal is defined as the withholding of an area of federal land from settlement, sale, location, or entry under some or all of the general land laws, for the purpose of limiting activities under those laws in order to maintain other public values in an area or reserving the area for a particular public purpose or program; or transferring jurisdiction over an area of Federal land, other than property governed by the Federal Property and Administrative Services Act (40 United State Code Section 472), from one department, bureau or agency to another department, bureau or agency (43 Code of Federal Regulations Part 2300).

This report was prepared in accordance with BLM Manuals 3060 and 3031 (BLM, 1994, 1985). The conclusions of this MPR are limited to the requested withdrawal described previously, which prompted the preparation of the MPR.

This MPR relied on publicly available information, which was assumed to be current, complete and accurate. A written request for "information related to geological investigations which may be relevant to the mineral potential of Railroad Valley..." was sent via electronic mail to claimants and lessees for whom email addresses were provided by BLM and via U.S. Postal Service to claimants and lessees for whom email addresses were not provided by BLM. The request clarified that "Such information may be quantitative, qualitative, and/or general in nature, but will ideally be specific to particular commodities, minerals, and/or elements, and verifiable." Relevant information provided in response to this request has been incorporated into this MPR.

## 1.2 Lands Involved

The Railroad Valley playa is located in Nye County, Nevada, approximately 90 miles northeast of the town of Tonopah, Nevada. Railroad Valley is part of the Tonopah Desert Basin and is approximately 110 miles long and up to 15 miles wide, encompassing a total area of approximately 1,022 square miles (654,000 acres) (Figure 1-1). The Railroad Valley site is 4,708 feet (1,435 meters) altitude above sea level. The proposed 22,684-acre withdrawal area covers approximately 40 percent of the playa, which is approximately 55,600 acres in total area (USGS, 2021a) (Figure 1-2).

Based on Land Surveyor Report 2022-006/N-98605, approved by BLM on November 29, 2021, the following legal description accurately describes the lands covered by the withdrawal request:

Mount Diablo Median, Nevada  
Township 7 North, Range 56 East  
Sections 2 through 17  
Sections 20 through 27

Mount Diablo Median, Nevada  
Township 8 North, Range 56 East  
Sections 19 E1/2  
Sections 20 and 21  
Sections 27 through 35

The area describes 22,684.07 acres according to the official plats of the surveys on file with the BLM.

### 1.2.1 Access, Transportation, and Utilities

Access to the WAA is via U.S. Highway 6, which is located 2.5 miles west of the site. From Ely, Nevada, it is about 70 miles to the southwest on U.S. Highway 6 to a left turn on a well-maintained gravel-surfaced road that also provides access to rangeland and oil and gas infrastructure. From Tonopah, Nevada, it is about 97 miles to the east-northeast along U.S. Highway 6 to the same intersection. From this intersection at U.S. Highway 6, it is 4.2 miles along the gravel road to reach the northern edge of the WAA. This gravel-surfaced road also provides access to the center of the property, existing oil and gas infrastructure in the WAA, and a number of springs and oil and gas infrastructure to the east of the WAA. The WAA is also accessible from the east using a gravel-surfaced road that follows the eastern edge of Railroad Valley and provides access to rangeland and oil and gas infrastructure.

The WAA is located in a remote and rural area. Ely, Nevada (population about 4,000), which is the nearest town, is located approximately 74 miles to the northeast. The nearest large town, Elko, Nevada



(population about 20,000), is located approximately 195 miles to the north. No utilities are provided to the WAA. Lyons (2018) reported that a low voltage power line runs along the eastern access road to support scattered ranches.

## 1.3 Background Information and Previous Work

### 1.3.1 Railroad Valley Satellite Calibration Site

Since 1993, NASA has relied on Railroad Valley for satellite calibration, and NASA has been working with BLM since 2018 to determine the best way to preserve Railroad Valley for continued satellite calibration use. NASA submitted an initial application of withdrawal in July 2019, followed by a revised application in December 2019, initially requesting the withdrawal of 22,995.05 acres of BLM-managed land. The U.S. Department of the Interior reviewed and accepted the application and published a Notice of Application for Withdrawal in the *Federal Register* on April 29, 2021 (Appendix A). Pursuant to the provisions and implementing regulations of the Federal Land Policy Management Act (43 *United States Code* Section 1714; 43 CFR Section 2310.2), the Notice segregates the land from all forms of appropriation or other disposition under the public land laws, including the mining, mineral leasing, and geothermal leasing laws, for 2 years, subject to valid existing rights, during which time NASA and BLM are responsible for preparing the required information, studies, analyses, and reports, including an EA, necessary for the Secretary of the Interior to make a decision on NASA's application (43 CFR Section 2310.3-2). The initial withdrawal application area overlapped with BLM-managed lands that are currently a part of the Railroad Valley WMA, located in the western half of Section 19, Township 7 North, Range 56 East. On November 29, 2021, NASA cancelled its application to these 320 overlapping acres. As approved by BLM on November 29, 2021, the size of the WAA was reduced by approximately 320 acres to avoid this conflict. The current size of the WAA is 22,684.07 acres.

### 1.3.2 Previous Geological Work in Railroad Valley

Invasive geological studies have been conducted in Railroad Valley for more than 100 years, starting with the Railroad Valley Company's 1912–1914 drilling program in search of potash deposits. Though commercial value potash was not found, the wells intersected thick sequences of high-purity gaylussite, a mineral that is commonly mined as a source of sodium carbonate. More gaylussite deposits were encountered in petroleum exploration wells completed by Shell Oil in 1961 (Gaylord, 1965) and the search for gaylussite continued in 1966 when The Standard Slag Company completed a seven-hole drilling program (Gaylord, 1967).

Oil and gas exploration has occurred in Railroad Valley since 1954 (Anna et al., 2005) when the very first petroleum exploration well drilled by Shell Oil struck heavy crude, leading to Nevada's "oil boom" (Van Denburgh and Rush, 1974). Currently, Railroad Valley is the largest producing oil production area in Nevada, accounting for about 83 percent of the state's production in 2020 (Muntean et al., 2021). Almost 70 years of oil and gas exploration have produced a wealth of subsurface data related to stratigraphy, structural geology, and geophysical characteristics of the deep rocks and sediments (greater than 400 to 700 feet below ground surface [bgs]), because petroleum prospectors were not typically interested in the upper few hundred feet of "valley fill." Some of the previous well logs have been reinterpreted and some well cuttings have been analyzed more recently as part of ongoing investigations for non-oil and gas resources. Some of the previous well logs documented element concentrations of interest to this MPR. Relevant data from these investigations are summarized in this report.

As parts of various investigative efforts, a significant number of surface soil and water samples have been collected and analyzed from Railroad Valley, though few have been collected within the boundaries of the WAA. Almost 300 samples were collected as part of the National Uranium Resource Evaluation (NURE)

Hydrogeochemical and Stream Sediment Reconnaissance (HSSR) program (USGS, 2021b), but others were collected by Bohannon and Meier (1976), Gillespie and Blechen (1999), Macarthur Mineral Limited (Macarthur Minerals, n.d.), and others. Relevant data from these investigations are summarized in this MPR.

A few lithium exploration wells have been established in Railroad Valley by American Batteries Metals Corporation, now known as American Battery Technology Company (Muntean et al., 2021), and 3PL Operating Inc. (NDOM, 2022). Geophysical data have been collected by Ameriwest Lithium (2021, 2022a, 2022b) and 3PL Operating Inc. (Loomis, 2021). Information related to these wells and data that is public and reasonably ascertainable or was provided in response to NASA's request is provided in the appropriate sections of this MPR.

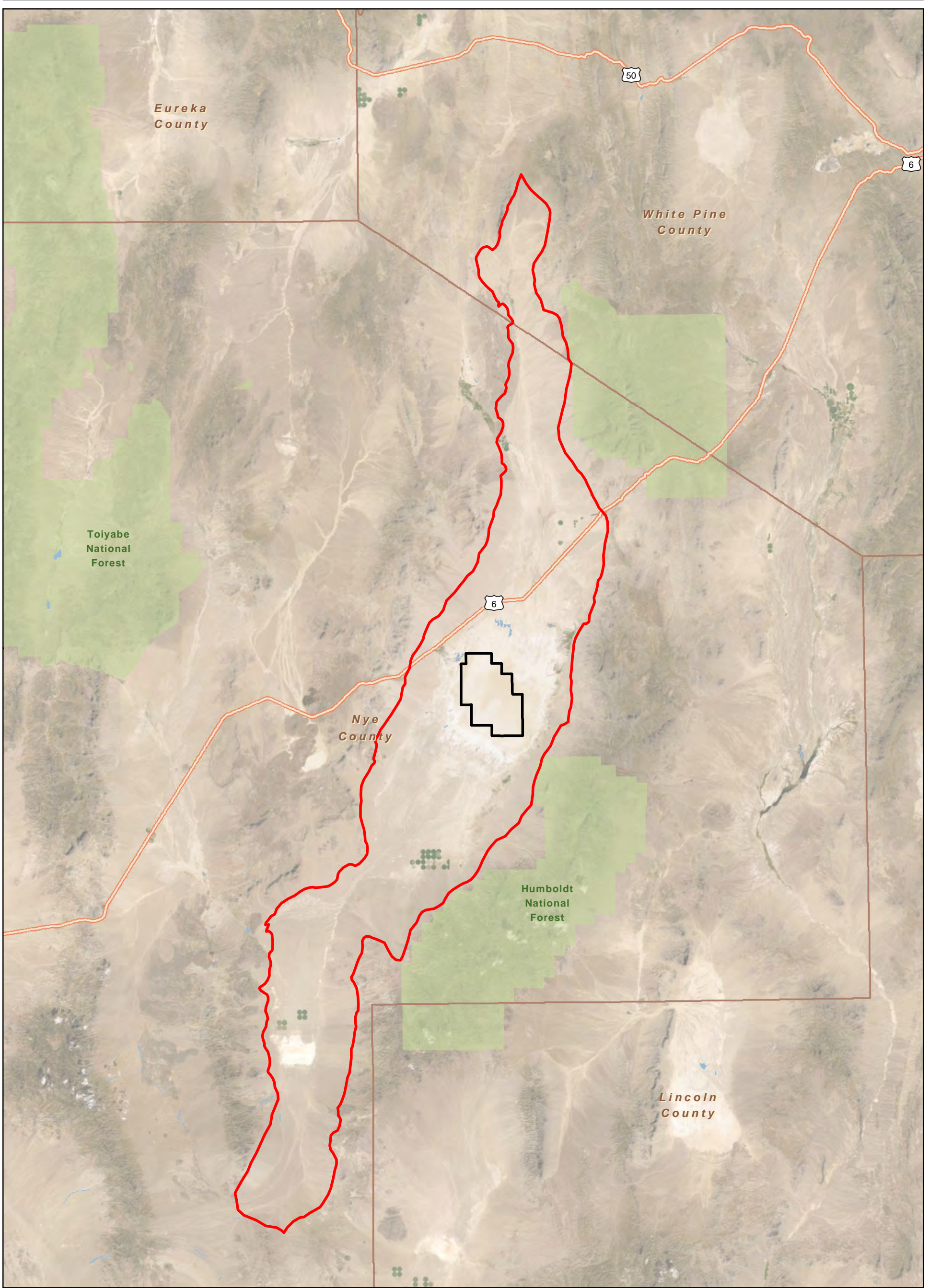
Summaries of "material scientific and technical information concerning mineral exploration, development, and production activities on a mineral property that is material to an issuer" known as NI 43-101 Technical Reports have been prepared for three nearby areas in Railroad Valley. Each of these Technical Reports provided recommendations for additional geologic study. Specific or useful data from these reports, reasonably ascertainable, public data, and subsequent geologic studies are provided in this MPR. Numerous other studies and reports related to the Great Basin but with some information specific to Railroad Valley are also referenced in this MPR.

### **1.3.3 Ongoing/Near Future State and Federal Geological Work in Railroad Valley**

In fiscal years 2022 and 2023 and in cooperation with the Nevada Division of Minerals (NDOM) and Commission on Mineral Resources, the Nevada Bureau of Mines and Geology (NBMG) will complete a geologic map and report of Railroad Valley. This research will use an "extensive subsurface dataset which will provide a basis for assessing the potential of analogous areas in Nevada when land-use policy is under consideration along with an archival function." Deliverables for this project will include a published geologic map of Railroad Valley with selected cross sections; a geologic report using the documents described previously; and an interactive web map and online database available for public consumption (Visher, pers. comm., 2022). Jerry Walker, one of the two main authors of this forthcoming report, was contacted as part of the research for this MPR and relevant information is included in the discussions in this report.

The U.S. Geological Survey (USGS) is currently completing two geological investigations that are relevant to potential lithium deposits in Railroad Valley: "Spectral Characteristics and Mapping of Lithium-rich Playas for Use in Western U.S. Basin and Range Mineral Assessment of Lithium" (USGS, 2019a) and "Lithium from Source to Sink: Genesis and Evolution of Li Brines and Clays" (USGS, 2019b). These publications will not be finalized in time for use in this MPR. Lead authors for these two studies were contacted as part of the research for this MPR and relevant information is included in the discussions in this report.





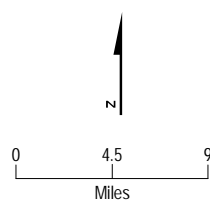
**LEGEND**

- Railroad Valley Boundary
- RRV - Withdrawal Application Area

Notes:  
Imagery Source: ESRI World Imagery online mapping service

The boundaries of Railroad Valley were estimated based on the topographic contours and labeling on United States Geological Survey 7.5-minute series topographic maps.

RRV = Railroad Valley

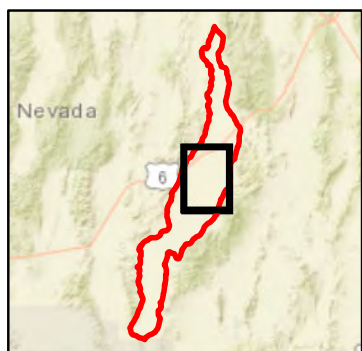
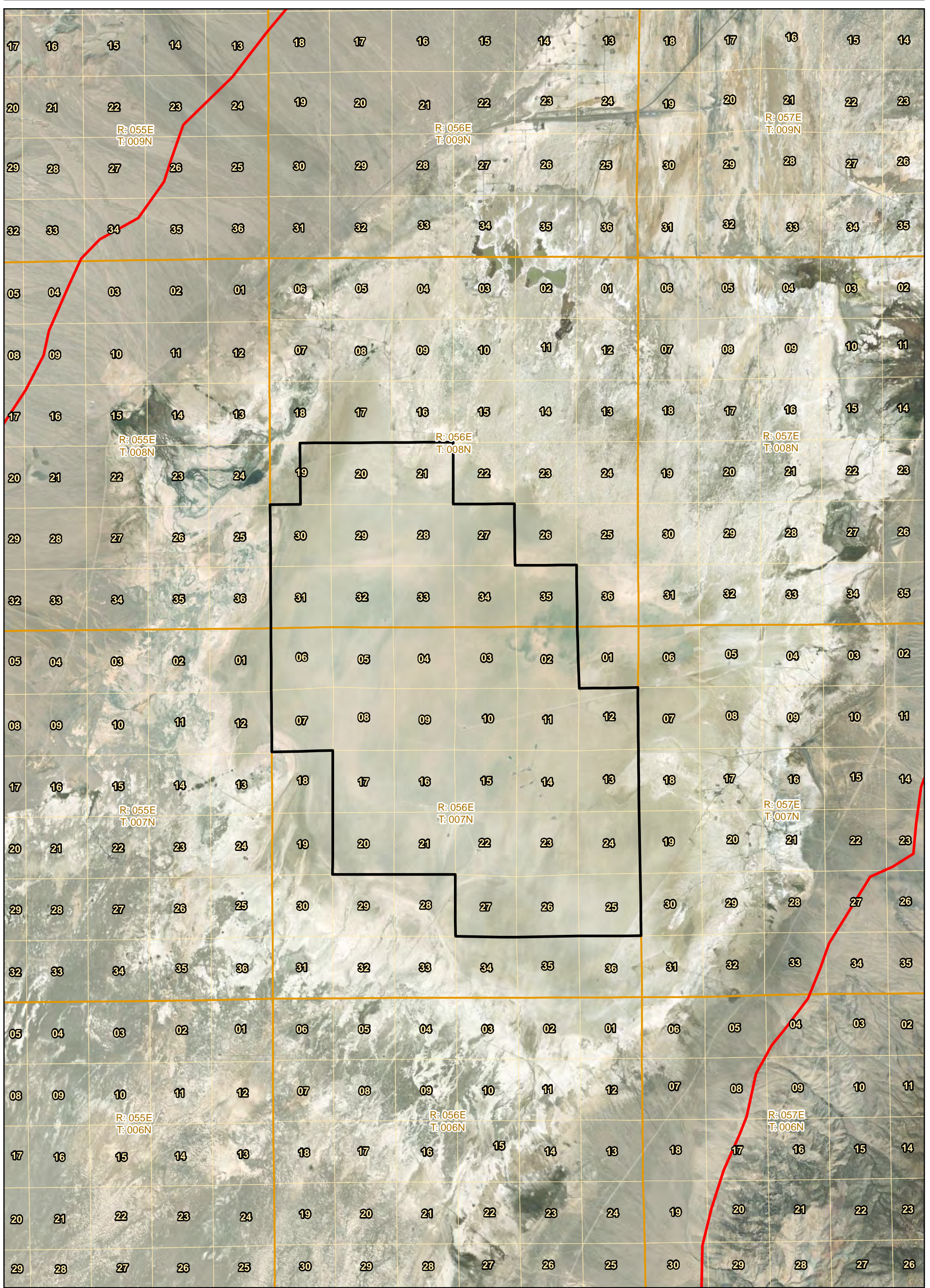


**Figure 1-1**  
**Location and Extent of Railroad Valley, Nevada**  
Mineral Potential Report  
Railroad Valley, Nye County, Nevada



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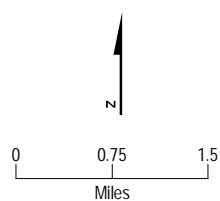
**LEGEND**

- Railroad Valley Boundary
- Township Boundary
- RRV - Withdrawal Application Area
- Section Boundary

Notes:  
Imagery Source: ESRI World Imagery online mapping service

The boundaries of Railroad Valley were estimated based on the topographic contours and labeling on United States Geological Survey 7.5-minute series topographic maps.

RRV = Railroad Valley



**Figure 1-2**  
**Location of the Withdrawal Application Area**  
Mineral Potential Report  
Railroad Valley, Nye County, Nevada



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## 2. Description of Geology

### 2.1 Physiography

Railroad Valley is in the Great Basin physiographic section, which also comprises the entire extent of the northern part of the Basin and Range tectonic province (NPS, 2020). This physiographic section is characterized by north-south trending mountain ranges and intramontane basins often hosting playas (alkali flats). As suggested by the provincial title, the Great Basin is a large hydrographic basin with no outlet to any ocean, and all water in the province evaporates, infiltrates, or flows to generally saline lakes.

As illustrated on USGS topographic maps, Railroad Valley is a north-south trending valley that extends more than 100 miles from northeastern Nye County northward into White Pine County, Nevada. Elevations in Railroad Valley range from approximately 4,725 feet above mean sea level (amsl) in the lowest parts to more than 6,000 feet amsl at its northern end in White Pine County. From north to south, the valley is bordered on the east by the White Pine, Grant, and Quinn Canyon Ranges, with elevations ranging up to 11,518 feet amsl at Currant Mountain in the White Pine Range, 11,302 feet amsl at Troy Peak in the Grant Range, and 10,185 feet in the Quinn Canyon Range. On the west, the valley is flanked by smaller ranges, including the Pancake and Reveille Ranges, from north to south. Portuguese Mountain, the highest point in the Pancake Range, tops out at 9,240 feet amsl. Maximum elevations of more than 7,900 feet amsl are present in the southern part of the Reveille Range.

The WAA is situated entirely on a playa with a relatively consistent elevation of between 4,707 and 4,708 feet amsl (USGS, 2021c, 2021d, 2021e, 2021f). The USGS 7.5-minute topographic maps titled "Blue Eagle Springs" (USGS, 2021c), "Bullwhacker Springs" (USGS, 2021d), "Christian Spring" (USGS, 2021e), and "Blue Eagle Springs SW" (USGS, 2021f) illustrate a "landing strip" on the eastern edge of the playa and partially within the WAA, and a large number of springs and flowing wells encircling the playa. The Railroad Valley WMA partially abuts the WAA to the north and northwest. Infrastructure associated with oil exploration and production is present within the WAA and to the north and south of the WAA, but it is concentrated to the east of the WAA.

### 2.2 Regional Geologic Setting

Like the rest of the Great Basin physiographic section, northern Nye County, Nevada, is characterized by north-trending bedrock ranges separated by alluvial valleys. These landforms are the direct result of Nevada being stretched in an east-west direction to about twice its former width over the last 15 million years (Bradley et al., 2017). A diverse assemblage of pre-Cenozoic rock lithologies typically flank the valleys to the east and west. In the eastern and central parts of the County, these consist of marine and predominantly carbonate strata of Paleozoic Age (Kleinhampl and Ziony, 1985). Clastic rocks and metavolcanic rocks become more common to the west and are interbedded with carbonates. Scattered plutonic outcrops are concentrated in the eastern and western edges of the County and have been dated to be as recent as Tertiary Age. Other Tertiary Age rocks consist of thick and widespread deposits of pyroclastic material in ash-flow tuff sheets separated by local interbeds of sediment indicative of alluvial deposition into small lakes. Intermontane valleys are generally filled with a thick sequence of Pleistocene alluvial fill that is covered with a thin veneer of Holocene sediments (Kleinhampl and Ziony, 1985). Refer to Figure 2-1 for a map of the geology of the WAA.

The tectonic history of the area is complicated and includes multiple Paleozoic and Mesozoic compressional tectonic events and more recent widespread volcanic activity. The older orogenic episodes, including the late Paleozoic Antler and the early Mesozoic Sonoma orogenies, were characterized by folds and thrust faults and large eastward-directed, low-angle faults that juxtaposed a diverse mixture of

Paleozoic strata (Kleinhampl and Ziony, 1985). The early stages of the Jurassic-era Nevadan orogeny, included folding and minor south-directed thrust faults, succeeded by east-directed thrust faults and juxtaposition of rocks of different facies. The final stages of this orogeny were accompanied by high-angle faulting and widespread emplacement of granitic bodies (Kleinhampl and Ziony, 1985). Large-scale folding and thrust faulting during Late Cretaceous or Early Tertiary time have been mapped in the Pancake Range, which borders Railroad Valley to the west. Widespread volcanic activities and deposits intercalated with scattered and intermittent nonmarine sediment deposits characterize the Cenozoic Era in eastern Nevada. Kleinhampl and Ziony (1985) indicate that a significant number of successional calderas and caldron complexes were present during this time, the locations of which may have been controlled by the margins of northwest-to-west striking faults of early Tertiary Age.

The final phase of the structural evolution of the region is the development of basin-and-range normal faults along north- to northeast-trending breaks, with movement along some of the faults continuing to the present (Kleinhampl and Ziony, 1985). These faults are believed to be the result of large-scale crustal extensions. An abundance of displaced alluvial deposits of late Quaternary Age support even more recent tectonic activity, particularly in western Nye County (Kleinhampl and Ziony, 1985).

The Pancake Range to the west of Railroad Valley consists of relatively recent (Oligocene to Miocene) felsic volcanic rocks underlain by Paleozoic rocks (Lyons, 2018). In a study of the mineral resources of the Palisade Mesa and The Wall Wilderness Study Areas, Diggles and others (1986) did not identify any "indications of exposed or buried mineral deposits" and suggested that the volcanic deposits are too recent to have experienced the mineralization associated with long-term hydrothermal fluid circulation.

The southern portion of the Grant Range borders Railroad Valley to the east. Like the Quinn Canyon Range to the south, this range primarily consists of metamorphosed to unmetamorphosed Paleozoic carbonate and clastic strata, Mesozoic and Cenozoic intrusives, and Tertiary volcanic and volcanoclastic rocks. These rocks have been affected by numerous normal and thrust faulting events that have put older rocks on top of younger ones and dissected the range in several directions.

## **2.3 Rock Units (Lithology and Stratigraphy) in Railroad Valley**

The basin-fill rocks/sediments in Railroad Valley, comprising all post-Paleocene deposits, are as much as 9,500 feet thick on the east side of the graben that forms Railroad Valley and as little as 700 feet in places on the west side of Railroad Valley (Lyons, 2018). Underlain by Eocene volcanics, these deposits comprise several layers of Quaternary alluvium/colluvium blanketing a much thicker sequence of Tertiary rocks, all separated by unconformities. The Nevada State Geological Map (Crafford, 2007) generally maps basin fill units as Quaternary playa (Qp) deposits and does not subdivide this unit in Railroad Valley. Publications within the last 10 years (Camilleri, 2013; Long, 2014; Lyons, 2018) have divided the Quaternary deposits into five units described from oldest to youngest. These Quaternary deposits are up to several hundred feet thick but are not typically described in oil and gas well logs, which comprise the majority of publicly available empirical information regarding subsurface lithology in Railroad Valley. Most of the oil and gas well logs do not provide geological information for rocks/sediments less than 300 to 400 feet bgs. Table 2-1 provides a generalized stratigraphy for the post-Paleocene deposits in Railroad Valley.



**Table 2-1. Generalized Stratigraphy for the Post-Paleocene Deposits in Railroad Valley, from Youngest to Oldest (after Long 2014 and Lyons 2018)**

Period	Epoch and Unit/Formation	Description of Unit/Formation
Quaternary	Colluvium (Qc)	Unconsolidated, locally derived, angular pebble- to boulder-size clasts deposited on modern hillslopes.
	Alluvium (Qal)	Unconsolidated, poorly sorted, conglomeratic sediment deposited in modern drainages.
	Pluvial lake deposits (Qpl)	Unconsolidated gravel, sand, and mud deposited just below pluvial lake highstand shoreline at ca. 4870 feet elevation.
	Younger alluvial fans (Qafy)	Unconsolidated gravel and sand deposited by streams on east and west flanks of range. Deposited on top of, and locally incised into, unit Qafo. Cut by east- and west-dipping Holocene fault scarps on west side of range.
	Older Alluvial Fans (Qafo)	Unconsolidated to poorly consolidated gravel and sand deposited by streams on east and west flanks of the range. Isolated remnant exposures are also preserved in Heath Canyon. Deeply incised by modern drainages. Cut by prominent west-dipping Holocene fault scarp on west side of range.
Tertiary	Pliocene	Younger basin fill consisting of unconsolidated clastic sediments, fanglomerate to claystone, sorted to chaotic, minor evaporite beds, minor younger rhyolite flows and clastics. Separated from unit below by an unconformity.
	Mid-Miocene to mid-Pliocene	Older basin-fill sediments, volcanic flows and clastics with lacustrine interbeds. Separated from unit below by an unconformity.
	Upper Eocene	Indian Well Formation (coeval with Garrett Ranch) comprising tuff, ash, agglomerate, and tuff-lacustrine sediments. Separated from unit below by an unconformity.
	Upper Eocene	Submember of the Garrett Ranch Formation consisting of petroliferous felsic ignimbrite that is local to Railroad Valley. Separated from unit below by an unconformity.
	Upper Paleocene	Sheep Pass Formation comprising fluvial-lacustrine clastics and basal breccias. Rests unconformably on underlying rocks.

A geologic cross-section compiled by the Nevada Bureau of Mines and Geology (Long, 2014) that extends into the eastern edge of Railroad Valley illustrates about 4,500 feet of Tertiary valley fill sediment topped by a few hundred feet of Quaternary alluvium, colluvium, and pluvial lake deposits.

The stratigraphic sequence described by 3PL Operating, Inc. in their Dissolved Mineral Resource Exploration Well Permit Applications submitted to the NDOM in November 2021 (NDOM, 2021) is similar to that above but provides more detail on the thicknesses of the shallower Pliocene and younger section. Their stratigraphic interpretation and correlations were informed by a wide range of data, including logs from almost 300 oil wells drilled in Railroad Valley, proprietary data from 3PL Operating, Inc.'s investigations, and various geophysical data. Their application describes a "super-brine complex" (so-called because it is supersaturated with salts) consisting of evaporite minerals, including complex salts, and a co-existing hypersaline brine within the Pliocene and younger section. From bottom to top, the section includes a volcanic unit (basalt and tuff) up to 241 feet in thickness, which is conformably overlain by an evaporite sequence that ranges in thickness from 550 up to 2,000 feet. The evaporite sequence includes interbeds of clay/claystone/marlstone and salt beds. Gaylussite was found to be a common component of the claystone and marlstone. 3PL geologists interpreted the evaporite sequence dataset to suggest a "quiescent, low-energy depositional system dominated by fine-grained sedimentation of salt

and clay" (NDOM, 2021). Overlying the evaporite sequence is an up to 1,220-foot-thick progradational clastic sequence that grades upward from clay to conglomerate and marks a change to high-energy deposition of siliciclastics into the basin. This stratigraphic sequence is confirmed by a number of exploration wells completed between 2018 and 2021 proximal to the WAA (NDOM, 2021).

## 2.4 Structural Geology and Tectonics

According to Kleinhampl and Ziony (1985), north- and northeast-striking, range-bounding normal faults are a "conspicuous feature of the structural fabric of northern Nye County." These fault traces generally associate with the range fronts, are straight to curved, and are up to 18 miles in length. In some places these fault traces cross valleys and even ranges. Although they manifest at the surface as relatively wide zones of "short, echelon ruptures in the thick alluvium of the valleys," these faults are believed to be "narrow continuous fractures in the bedrock at depth" (Kleinhampl and Ziony, 1985).

Various structural models have been proposed to describe the regional basin-and-range-bounding faulting in the region. The earliest models assumed that these faults are very steep (greater than 60 degree dip), but later models incorporate listric faulting to explain the structure (Kleinhampl and Ziony, 1985). Anderson and others (1983) analyzed select subsurface data consisting mostly of seismic-reflection data from across the Great Basin, including several seismic-reflection profiles from Railroad Valley, and suggested three basin formation mechanisms: (1) relatively simple, asymmetric sags associated with one or more major steep, planar normal faults; (2) sedimentary prisms above tilted bedrock ramps that are displaced by moderately to deeply penetrating listric normal faults; and (3) assemblages of complexly deformed subbasins associated with sharply curving, shallow, listric faults and planar faults that are terminated at depth by a gently-dipping detachment fault surface.

Specifically at Railroad Valley, the seismic-reflection data were interpreted to indicate that Railroad Valley is bounded on the east by a steep, normal fault instead of a listric fault. According to Lyons (2018), the basin formed as a half-graben with the east side down-faulted, while the western margin abutting the Pancake Range showed only minor local faulting of young (less than 2.6 Ma age) low-angle beds and volcanic flows. This interpretation is supported by the depth of cover over the basement rocks being much thicker on the east side of Railroad Valley, as evidenced by logs of oil and gas wells and seismic profiles completed by Vreeland and Berrong (1979). Of note, Vreeland and Berrong (1979) also cited complex geology and topography, "enormous" velocity gradients, and extremely complex faulting as factors that complicate the interpretation of Railroad Valley seismic data.

In a 2-year study completed in 1986, Jones and others (1986) identified major structural provinces and regional lineament systems and produced methane and propane contour maps for the perimeter of Railroad Valley. The study does not provide many details for the WAA but illustrates the presence of a significant number of lineaments in Railroad Valley that supports the concept of short echelon ruptures. Five major lineaments were identified by Gibson (n.d.) in Railroad Valley and correlated with "the locations and geometries of all the hydrocarbon production to date in Railroad Valley." These lineaments were well to moderately well expressed in geomagnetic data (refer to discussion in Section 2.6) and support the belief that Railroad Valley, like many other valleys in the Great Basin, consists of a series of segmented horsts and grabens that have been filled with a mixture of volcanic and sedimentary rocks.

## 2.5 Geochemistry

As part of various investigative efforts, a significant number of surface soil and water samples have been collected and analyzed from Railroad Valley, though few have been collected within the boundaries of the WAA. Almost 300 samples were collected as part of the NURE-HSSR program initiated in 1973 by the Atomic Energy Commission, now known as the Department of Energy (DOE), with a primary goal of

identifying uranium resources in the United States (U.S.) (USGS, 2021b). The HSSR program, one of nine components of NURE, provided for systematic sampling of stream sediments, soils, groundwater, and surface water over the entire U.S. beginning in 1975. Initially, the samples were analyzed only for uranium content but most samples were eventually analyzed for as many as 45 different constituents, including lithium, uranium, and many of the rare earth elements. Locations of soil and water samples collected near the WAA as part of the NURE program are illustrated on Figure 2-2 and original analytical results are provided in Appendix B. In 2015, USGS entered into a cooperative agreement with a major mining company to reanalyze up to 60,000 archived sample splits originally collected as part of the NURE-HSSR program from selected areas in Arizona, California, Idaho, Montana, Nevada, New Mexico, and Utah. The samples that were reanalyzed excluded most that were collected from the floor of Railroad Valley.

Surface soil and water samples have also been collected and analyzed from Railroad Valley as parts of studies completed by Bohannon and Meier (1976), Gillespie and Blechen (1999), and Macarthur Mineral Limited (Macarthur Minerals, n.d.), one reported by Blue Eagle Lithium (2019), and others. Relevant data from these investigations are summarized in the appropriate sections in this document.

Other geochemical investigations in Railroad Valley have been almost exclusively associated with oil and gas exploration. As expected, most of these studies relate to petroleum traps and the complicated relationships between the stratigraphy, geology, and petroleum resources. Limited geochemical data are available for several deep oil wells and from historical (1919 to 1999) exploration for gaylussite located in Railroad Valley. Analysis of surface samples and oil well cuttings housed at the NBMG's library was completed by Eagle Exploration in the late-1990s, and the results include common oxides and trace elements, including lithium (Gillespie and Blechen, 1999). The results from these analyses are discussed in the appropriate sections in this document.

Information provided by 3PL Operating Inc. in response to NASA's request included analytical data for the brine pool that is located in Railroad Valley and at least partially underneath the WAA. In 2018, 3PL Operating Inc. drilled a lithium exploration well to a depth of 1,807 feet and collected cuttings and water samples. The well (LD #1-32) is located about 1 mile south of the WAA. In a 2-page summary of the exploration activities, Loomis and Ramirez (2019) provided a discussion of the brine geochemistry obtained from samples collected from this well, stating that the brine chemistry "generally is one-third sodium carbonate, one-third sodium chloride, and one-third sulfates. Other significant elements in the brine include: boron, lithium, manganese, molybdenum, potassium, yttrium, and zinc." The document does not provide analytical data documenting measured concentrations of these or other mineral resources but does provide a map illustrating the "3PL Brine Pool". The extent of this brine pool has been added to appropriate figures in the MPR.

In a separate document (Assessment of Mineral Resources) provided by 3PL Operating Inc. are some analytical data and geological interpretations related to mineral resources (Loomis et al., 2021). Analytical data for four separate brine intervals were provided, including the results for sodium, potassium, calcium, magnesium, silica, boron, lithium, tungsten, and phosphate. Analytical data for manganese, molybdenum, yttrium, and zinc were not provided. In this assessment, high concentrations of sodium (as sodium carbonate [soda ash], sodium sulfate and salt) are documented in the brine (concentrations above 15 percent) and inferred; indicated and measured reserves provided for boric acid, phosphoric acid, potash and tungsten trioxide suggest that these resources may also be present in the brine. The provided analytical data indicate concentrations in brine of potassium up to 911 milligrams per liter (mg/L), magnesium up to 0.3 mg/L, boron up to 299 mg/L, lithium up to 0.08 mg/L, tungsten up to 17.7 mg/L, and phosphate up to 778 mg/L. Loomis and others (2021) report large deposits of solid-salts in the subsurface that may also contain lithium, boron, and phosphate, though noting that their estimates are inferred since these resource have not yet been "directly sampled from cores."

## 2.6 Geophysics

Until recently, the geophysical studies in Railroad Valley have been associated with oil and gas exploration activities. In Railroad Valley, gravity anomalies have been strongly correlated to the general locations of oil fields (Guion and Pearson, 1982). According to Gibson (n.d.), gravity gradients mark the density contrast between Tertiary valley fill and pre-Tertiary rocks, thus defining normal faults. In reviewing geomagnetic data for Railroad Valley, Gibson correlated the strongest positive magnetic anomalies to basalt and andesite flows and identified segmented grabens as being expressed as “chains of sub-circular to oval gravity lows separated by high saddles. When the linear features defined from magnetics were compared to gravity maps, it was found that many of them corresponded with the gravity high saddles that segment the grabens” (Gibson, n.d.).

Geophysical data produced by the USGS document a number of gravity and magnetic anomalies in Railroad Valley both north and south of the WAA. Both Isostatic Gravity (Figure 2-3) and Complete Bouguer Anomaly maps (Figure 2-4) indicate that the WAA is located along a local gravity “high” or a saddle located between two significant gravity lows. Faulds and others (2017) reviewed and interpreted gravity data from a large area within Nevada and found that “broad saddles between gravity lows, can be correlated with fault step overs, terminations, intersections, and accommodation zones.” In Railroad Valley, the gravity lows represent deep basins (grabens) that have been filled with low-density sedimentary rocks that express correspondingly lower gravity values. The magnetic anomaly data indicate that the WAA is located in a slightly negative magnetic anomaly, meaning that the measurements in this area are lower than the average magnetic field. The gravity lows located north and south of the WAA do not exhibit any significant magnetic anomalies, though significant positive (greater than 300 nanotesla) magnetic anomalies are located to the west and northwest of the WAA and to the east of the WAA in the Grant Range.

According to news reports (Ameriwest Lithium, 2021), Ameriwest Lithium Inc. completed geophysical investigations of the lands subject to its mining claims in Railroad Valley approximately 4.5 miles south of the WAA in late 2021 and January 2022. In November 2021, Ameriwest Lithium acquired seismic data for its Railroad Valley property and hired geophysicists to reinterpret the data (Ameriwest Lithium, 2021). According to a January 7, 2022 press release, the new interpretation showed the “valley floor, sedimentary strata, faults, and, in combination with recently acquired MT data, the location and geologic explanation of potential brine on the claim block. The data indicates a potential brine reservoir at a depth of approximately 2,000 feet to 4,000 ft below surface” (Ameriwest Lithium, 2022a). Further, Ameriwest Lithium completed a magnetotelluric (MT) survey in late 2021 and January 2022 and reported that preliminary results from this “gravity survey indicate a large gravity low on Ameriwest’s claim block ... interpreted to be a large depression filled with sediments, which is part of a closed valley that has potential to host a large lithium brine deposit” (Ameriwest Lithium, 2022b).

In 2021, 3PL Operating Inc. completed a “Base of Freshwater Study” on the lands within its claim block using vertical electrical sounding (VES) surveys, MT surveys, and petrophysical analyses. The goal of the study was to identify the depths and distribution of freshwater, saline fluid, and brine in the subsurface (Loomis, 2021) particularly around the center of the playa, an area just northeast of the center of Township 7 North Range 56 East, which also coincides with the location of NASA’s sensor array within Railroad Valley. The data show that freshwater aquifers ring the playa to the north, east, and south, but the brine pool bulges through the fresh and saline water and reaches the surface of the Railroad Valley playa near its center. Interestingly, there is no saline water lens on the east side of the valley.

Geophysical data and geological interpretations were provided by 3PL Operating Inc. in response to NASA’s information request. Based on MT data centered on well LD #1-32, a brine deposit that is more than 2,000 feet thick at its thickest point extends at least one-half mile from this well (Loomis et al.,

2021). This is corroborated by other geophysical data and X-ray diffraction analyses of well cuttings. This brine deposit is further segregated into three zones (upper, middle and lower) that have different geophysical and geochemical characteristics.

A relatively recent geotechnical development is the application of Advanced Spaceborne Thermal Emission and Reflection Radiometer (ASTER) remote sensing data that can be used to detect the presence of hectorite (and other evaporites), water, and green vegetation and identify the lateral extent of volcanic tuffs and hydrothermally altered rocks (Mars, 2022). According to a news release from June 2017 (Macarthur Minerals, 2017), Macarthur Mineral Limited was reviewing hyperspectral ASTER satellite imagery of Railroad Valley, available at that time, to identify additional prospective areas. Results from this study have not been made public.

## 2.7 Historical Geology

The mining industry in Nevada dates to 1849 with the discovery of placer gold in a stream flowing into the Carson River (NBMG, n.d.a). Since that time, the diverse and mineral-rich geology of Nevada has led to the establishment of more than 500 mining districts in the state. The "Columbia quartz district," based on the California district system, was first established in 1858, but the Comstock (1859) is generally recognized as the first official mining district in Nevada (Tingley 1998). While the definition of a "mining district" has evolved, Tingley (1998) notes that the modern concept is "an area encompassing mineral deposits that are geologically similar or are genetically related."

The Butterfield Marsh Historic Mining District encompasses the majority of Township 7 North/Range 56 East, Township 8 North/Range 56 East, the western two-thirds of Township 8 North/Range 57 East, and smaller parts of adjoining Township Ranges. The WAA is located entirely within the Butterfield Marsh Historic Mining District, as illustrated on Figure 2-5 (NBMG, 2022).

Early records of the Butterfield Marsh Historic Mining District state that surface salt pans from the north side of the marsh were scraped into piles in the early days (the 1880s) for use as a chlorinating agent in the silver mills of Tybo (Lincoln, 1923; Phalen, 1919). The Railroad Valley Company completed an extensive drilling investigation in Railroad Valley from 1912 to 1914 in search of potash deposits, which were found not to be economical, but thick sequences of high-purity gaylussite were intersected in several of the holes. A deep well drilled by Shell Oil in 1954 and five wells completed by Standard Slag Company in the 1960s also intersected large amounts of gaylussite. The deep well completed by Shell Oil, the first exploratory well drilled for petroleum in Railroad Valley, struck oil and started Nevada's oil boom (Van Denburgh and Rush, 1974). Currently 28 operating oil wells, most of which were completed in the 1990s, are within 1 mile of the WAA, including one operating oil well on the WAA (part of the Sans Spring Field).

The Silverton Mining District is located 5.5 miles west of the WAA. This mining district is underlain by a complex assemblage of Paleozoic sedimentary rocks and Tertiary volcanic rocks that are exposed as numerous fault-bounded slivers and discontinuous blocks and plates (Kleinhampl and Ziony, 1984). This is interpreted to represent a collapsed caldera, followed by injection of silicic dikes along the weak zones of the caldera margin. At the Silverton Mine, the major property within the Silverton Mining District, native silver and silver ores occur in small veinlets in Devonian carbonate. Antimony ores also occur in the Blackbird antimony prospect in the northern part of the mining district (Tingley and Quade, 1986).

The Troy Mining District is located approximately 2 miles south and east from the WAA in the Grant Range on the east side of Railroad Valley. Within the Troy Mining District, the Grant Range consists of a thick sequence of sedimentary rocks that were intruded by the Troy pluton and subsequently dissected by major, low-angle, and more recent high-angle faults. Emplacement of the Troy pluton metamorphosed the sedimentary rocks and formed mineralized zones along the contact boundaries and fault zones,

## Mineral Potential Report

leaving a wide variety of mineral ores. Silver, lead, zinc, tungsten, cadmium, bismuth, manganese, gold, arsenic, and antimony mineralization occur within the Troy Mining District (Tingley and Quade, 1986).

The NBMG and NDOM's Nevada Mineral Explorer does not illustrate any active or historical metal mines, geothermal production sites, industrial mineral sites, or gemstone mines (NBMG data); any historical mineral production (NDOM data); any prospects or occurrences, mine, past or present producers, processing plant or unknown mines (USGS data); or any adits, shafts, prospect pits, open pits, mill sites or quarries on or within 1 mile of the WAA (NBMG, 2022).

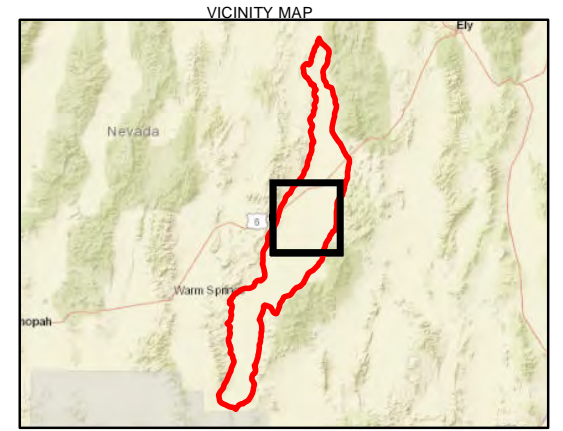
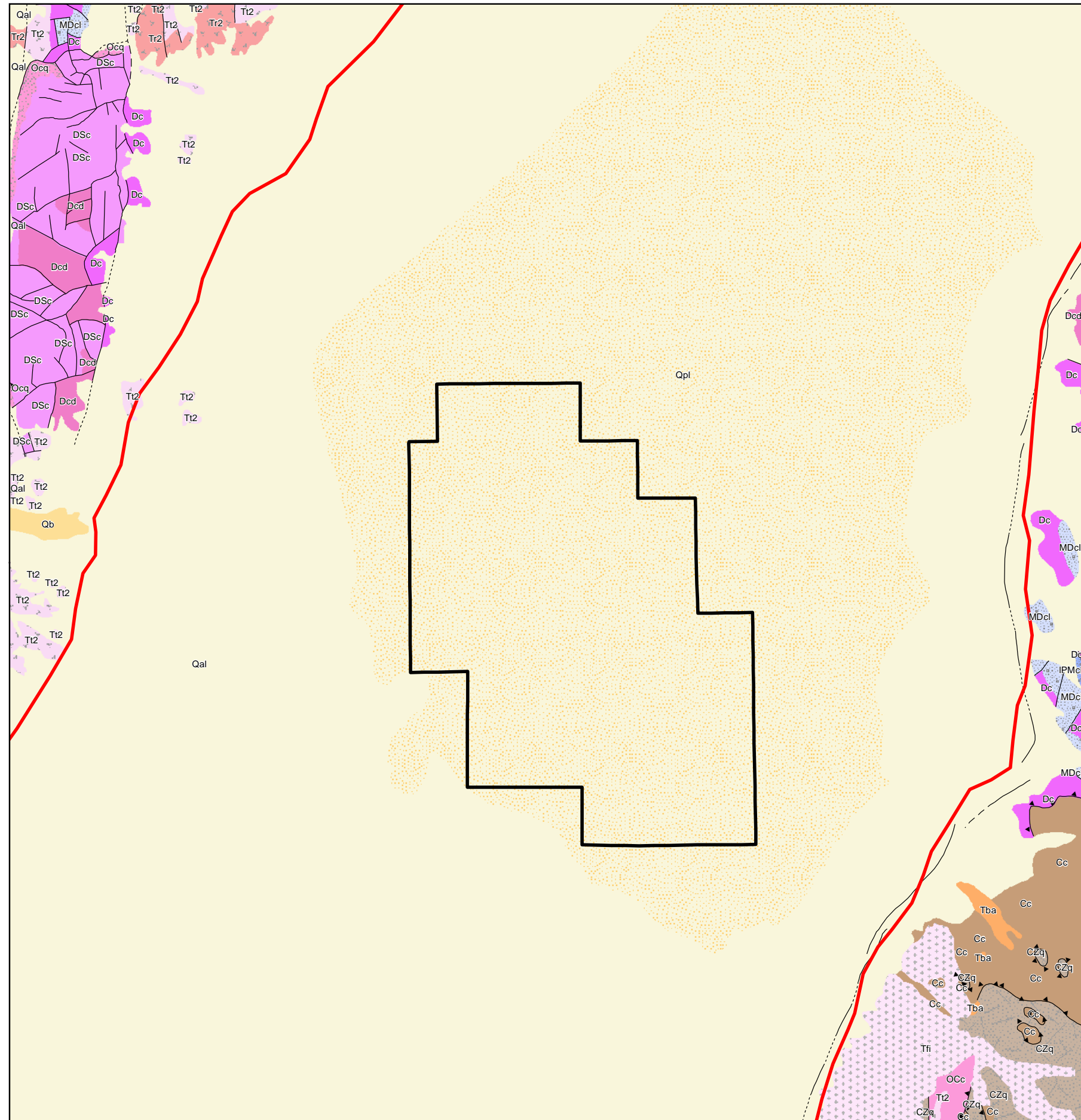
**GEOLOGY**

**Fault Type**

- Known fault
- - - Inferred fault
- ..... Concealed fault
- ↘ Known thrust fault

**Nevada Geology**

- Qal - Alluvium, undifferentiated
- Qpl - Playa, lake bed, and flood plain deposits
- Qb - Basalt flows
- Tba - Andesite and basalt flows (Miocene and Oligocene)
- Tt2 - Intermediate silicic ash flow tuff (lower Miocene and Oligocene)
- Tr2 - Intermediate rhyolitic flows and shallow intrusive rocks (lower Miocene and Oligocene)
- Tfi - Felsic phaneritic intrusive rocks (Miocene to Eocene)
- Dc - Limestone and minor dolomite (Upper and Middle Devonian)
- Dcd - Dolomite, sandstone, and limestone (Middle and Lower Devonian)
- DSc - Dolomite (Lower Devonian and Silurian)
- Ocq - Quartzite (Middle Ordovician)
- OCc - Limestone, dolomite, and quartzite (Middle Ordovician to Upper Cambrian)
- Cc - Dolomite, limestone, and shale (Cambrian)
- IPMcl - Shale, siltstone, sandstone, and conglomerate (Middle Pennsylvanian to Lower Mississippian)
- MDcl - Siltstone, limestone, shale, and sandstone (Lower Mississippian and Upper Devonian)
- CZq - Crossbedded quartzite, siltstone, and phyllite (Lower Cambrian and latest Proterozoic)



**LEGEND**

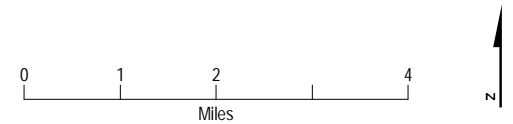
- Railroad Valley Boundary
- RRV - Withdrawal Application Area

**Notes:**

Geology Source: USGS Online Publications Directory  
<https://pubs.usgs.gov/ds/2007/249/downloads/>

The boundaries of Railroad Valley were estimated based on the topographic contours and labeling on United States Geological Survey 7.5-minute series topographic maps.

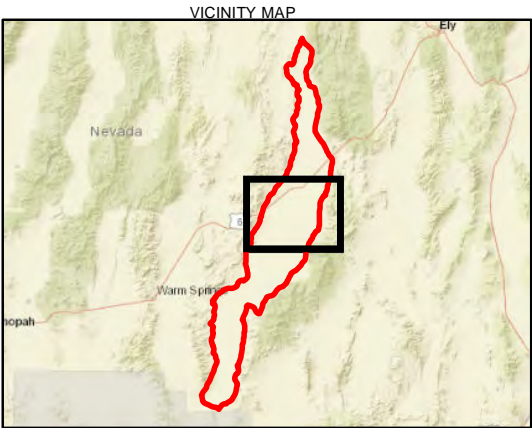
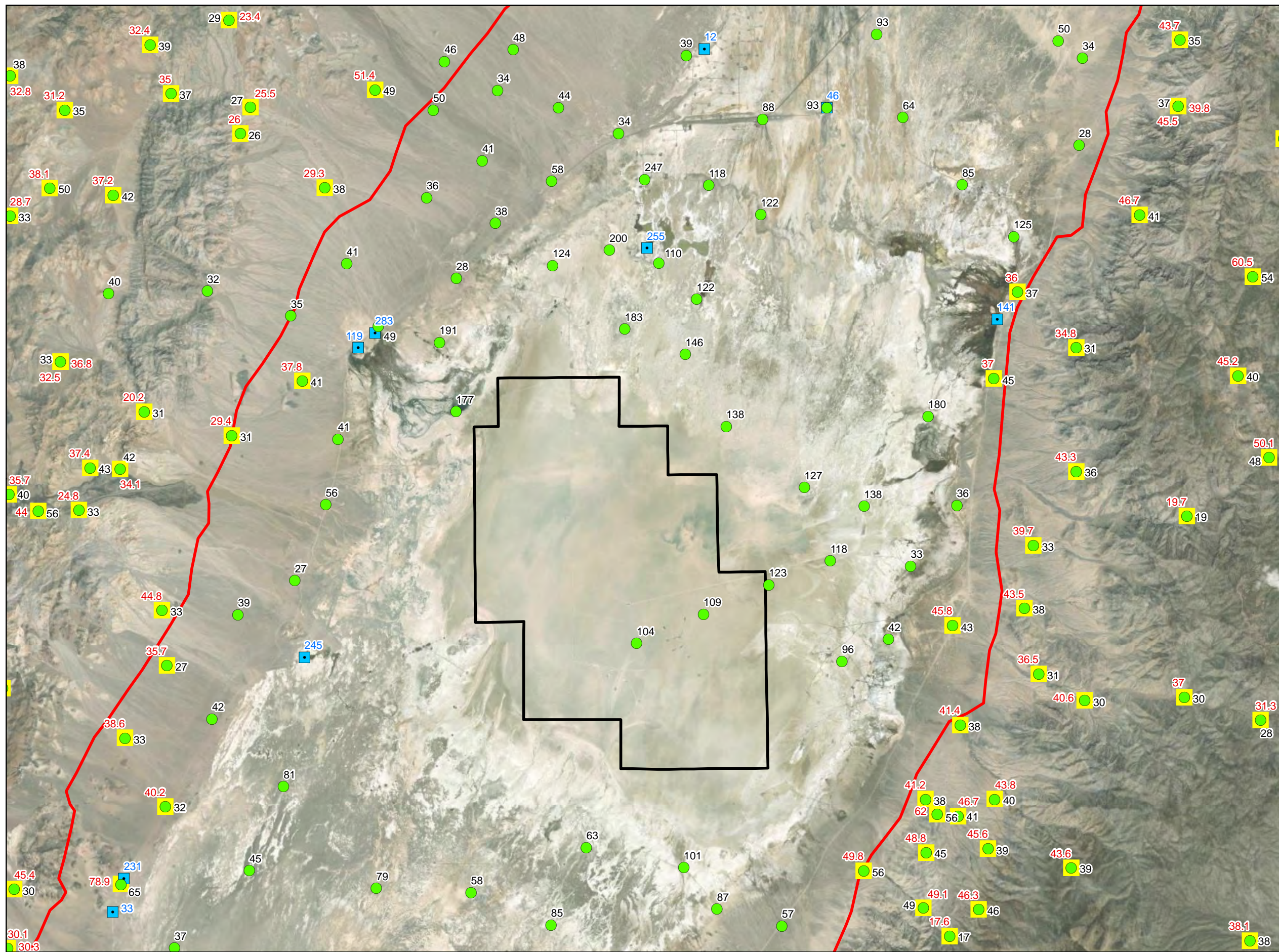
RRV = Railroad Valley  
 USGS = United States Geological Survey



**Figure 2-1**  
**Map of Geology of the**  
**Withdrawal Application Area**  
 Mineral Potential Report  
 Railroad Valley, Nye County, Nevada

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LEGEND

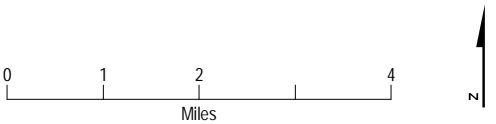
- NURE Sediment Sample<sup>a</sup> (Lithium Concentration Shown in Black Text)
- NURE Water Sample<sup>a</sup> (Lithium Concentration Shown in Blue Text)
- NURE Location Reanalyzed<sup>b</sup> (Lithium Concentration Shown in Red Text)
- Railroad Valley Boundary
- RRV - Withdrawal Application Area

Notes:  
<sup>a</sup> NURE Data Source: U.S. Geological Survey, 2004, National Uranium Resource Evaluation (NURE) Hydrogeochemical and Stream Sediment Reconnaissance data  
<https://mrdata.usgs.gov/nure/sediment/>  
<https://mrdata.usgs.gov/nure/water/>

<sup>b</sup> Reanalyzed NURE data: Smith, S.M., Azain, J.S., Bueghly, Z.C., and Olinger, D.A., 2018, Reanalysis of Selected Archived NURE-HSSR Sediment and Soil Samples from Arizona, California, Idaho, Montana, Nevada, New Mexico, and Utah (ver. 8.0, May 2021): U.S. Geological Survey data release, <https://doi.org/10.5066/F7765DHF>

The boundaries of Railroad Valley were estimated based on the topographic contours and labeling on United States Geological Survey 7.5-minute series topographic maps.

ppm = parts per million  
 RRV = Railroad Valley



**Figure 2-2**  
**Lithium in Sediment and Surface Water Occurrence**  
 Mineral Potential Report  
 Railroad Valley, Nye County, Nevada

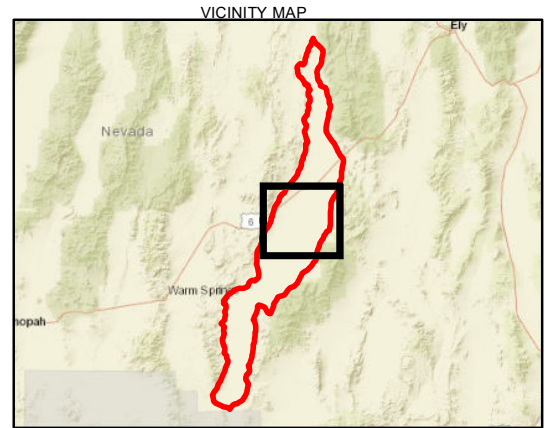
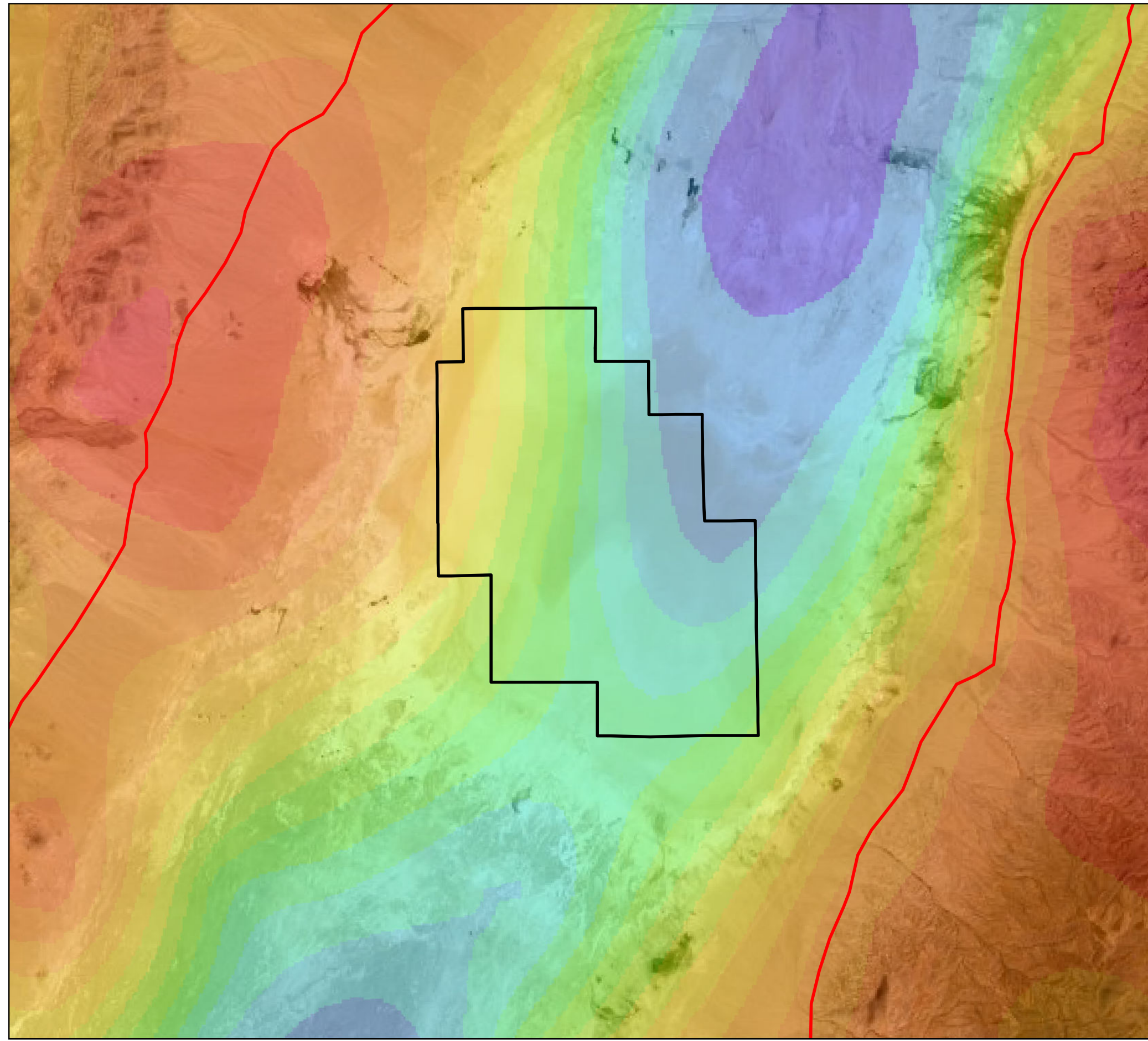


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Isostatic Gravity (USGS)

mGal (milligal)

- 11 - 15
- 7 - 10
- 3 - 6
- 1 - 2
- 1 - 0
- 3 - -2
- 5 - -4
- 7 - -6
- 9 - -8
- 11 - -10
- 13 - -12
- 15 - -14
- 17 - -16
- 19 - -18
- 21 - -20
- 23 - -22
- 25 - -24
- 28 - -26
- 35 - -29
- 64 - -36

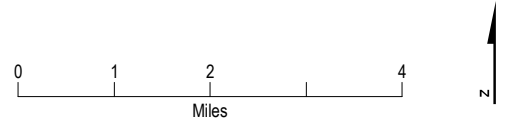


**LEGEND**  
[Red Outline] Railroad Valley Boundary  
[Black Outline] RRV - Withdrawal Application Area

Notes:  
Isostatic Surface Source: Nevada Bureau of Mines and Geology webmapper application  
<https://nbgm.maps.arcgis.com/apps/webappviewer/index.html?id=e279fb2d805945b59dea1cf661f5b4e6>

The boundaries of Railroad Valley were estimated based on the topographic contours and labeling on United States Geological Survey 7.5-minute series topographic maps.

PWA = Proposed Withdrawal Area  
RRV = Railroad Valley



**Figure 2-3**  
**Isostatic Gravity Map**  
Mineral Potential Report  
Railroad Valley, Nye County, Nevada

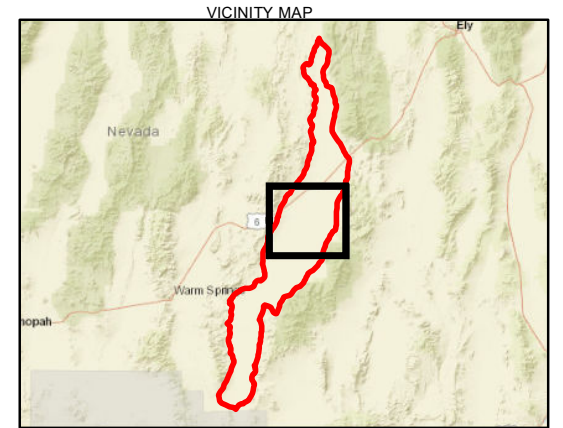
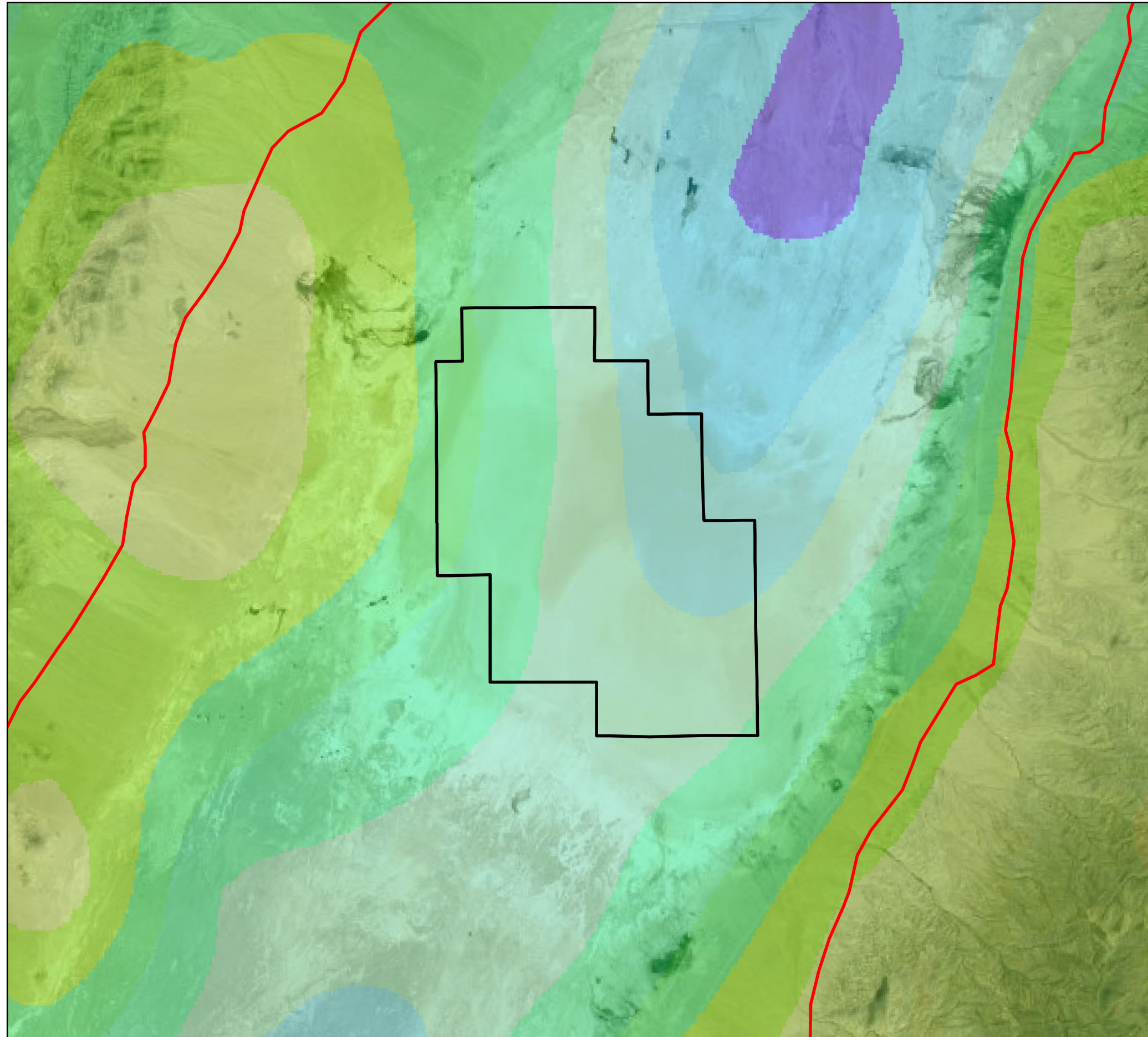
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Complete Bouguer Anomaly (USGS)

mGal (milligal)

- 101 - 0
- 117 - -102
- 133 - -118
- 149 - -134
- 157 - -150
- 165 - -158
- 175 - -166
- 179 - -176
- 183 - -180
- 187 - -184
- 191 - -188
- 195 - -192
- 199 - -196
- 203 - -200
- 209 - -204
- 215 - -210
- 221 - -216
- 230 - -222
- >231



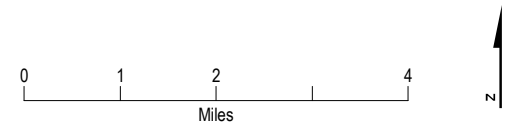
LEGEND

- Railroad Valley Boundary
- RRV - Withdrawal Application Area

Notes:  
Bouguer Anomaly Surface Source: Nevada Bureau of Mines and Geology webmapper application  
<https://nbnmg.maps.arcgis.com/apps/webappviewer/index.html?id=e279fb2d805945b59dea1cf661f5b4e6>

The boundaries of Railroad Valley were estimated based on the topographic contours and labeling on United States Geological Survey 7.5-minute series topographic maps.

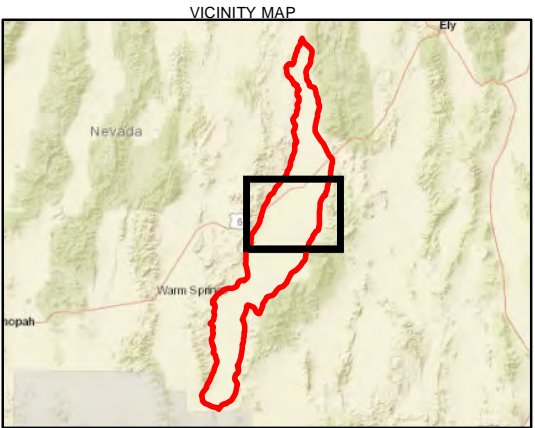
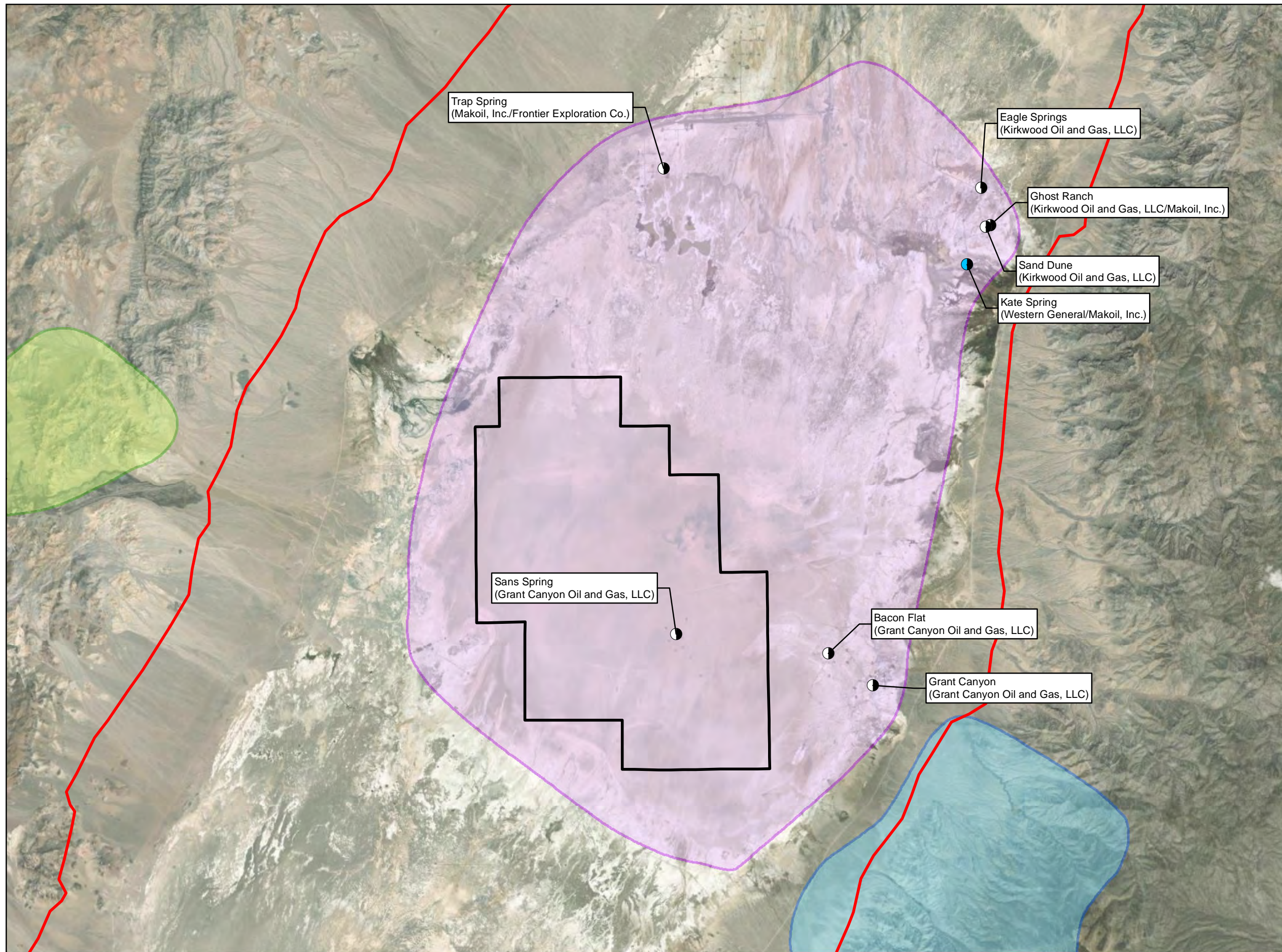
PWA = Proposed Withdrawal Area  
RRV = Railroad Valley



**Figure 2-4**  
**Complete Bouguer Anomaly Map**  
Mineral Potential Report  
Railroad Valley, Nye County, Nevada

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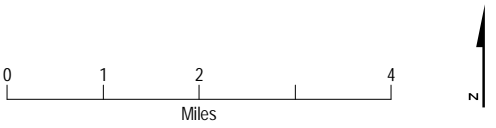


- LEGEND**
- Oil Field
  - Oil/Gas Field
  - ▭ Railroad Valley Boundary
  - ▭ RRV - Withdrawal Application Area
  - ▭ Butterfield Marsh Mining District
  - ▭ Silverton Mining District
  - ▭ Troy Mining District

**Notes:**  
 Oil and Gas Fields Source: Nevada Bureau of Mines and Geology webmapper application  
<https://nbgm.maps.arcgis.com/apps/webappviewer/index.html?id=e279fb2d805945b59dea1cf661f5b4e6>  
 Mining District Source: Nevada Bureau of Mines and Geology Mining Districts of Nevada  
<https://gisweb.unr.edu/MiningDistricts/>

The boundaries of Railroad Valley were estimated based on the topographic contours and labeling on United States Geological Survey 7.5-minute series topographic maps.

RRV = Railroad Valley



**Figure 2-5**  
**Oil and Gas Fields and Mining Districts**  
**Near the Withdrawal Application Area**  
*Mineral Potential Report*  
*Railroad Valley, Nye County, Nevada*



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### 3. Description of Known Energy and Mineral Resources

The State of Nevada is rich in fuel and non-fuel mineral resources, which in 2020 had a production value of more than \$8 billion, equivalent to more than 11 percent of the total value of U.S. non-fuel production that same year. Nevada led the nation in gold and barite production in 2020 and produced more gold than any other country except China, Australia, Russia, and Canada (Muntean et al., 2021). In addition, Nevada was the only state that produced lithium, magnesite, and two specialty clay minerals, sepiolite and saponite, in 2020. The following discussion provides more information about those resources known or inferred to exist on, and in the vicinity of, the WAA.

#### 3.1 Known Energy and Mineral Deposits

##### 3.1.1 Oil and Gas

More than 80 percent of the oil and gas produced in Nevada comes from Railroad Valley. In 2019 there were 58 actively producing wells across 7 fields: Eagle Springs, Ghost Ranch, Grant Canyon, Kate Spring, Sans Spring, Three Bar, and Trap Spring. The locations of these fields are illustrated on Figure 2-5 and the locations of individual wells and their status are depicted on Figure 3-1. The Sand Dune field, also illustrated on Figure 3-1, was shut in in 2018 (Muntean et al., 2021). Eagle Springs, discovered in 1954, was the first oil-producing field in Nevada and the only field in Nevada until the discovery of nearby Trap Spring in 1976. Together, the Trap Spring field and the Grant Canyon field (discovered in 1983) have produced almost 70 percent of Nevada's oil over the period from 1954 to 2020 (Muntean et al., 2021). Grant Canyon 10, the highest producing well in Nevada, produced 77 barrels of oil a day (1.18 million gallons) in 2020. The Sans Spring Field, which includes one active well and two inactive producers (in 2020), is located within the WAA in Township 7 North, Range 56 East, Section 14. In 2020, this well produced an average of 34 barrels of oil per day with no water over 34 days of production. All five active wells in the Kate Springs Field also produced natural gas in 2020, which is used to operate local production and operation equipment. Table 3-1 provides a summary of the producing geologic unit(s), lithology, and production depths for these seven fields.

**Table 3-1. Geological Profiles of the Seven Actively Producing Oil Fields in the Vicinity of the Withdrawal Application Area**

Field Name	Source Formation(s)/Age	Source Lithology	Production Depth, Top (feet bgs)	Production Depth, Bottom (feet bgs)	Number of Actively Producing wells (in 2020)
Eagle Springs	None/Oligocene	ignimbrites	5,780	7,360	13
	Sheep Pass Formation/Eocene	lacustrine carbonates			
	Ely Limestone/Pennsylvanian	limestone			
Ghost Ranch	Guilmette Formation/Devonian	dolomite	4,350	4,620	4
Grant Canyon	Guilmette Formation/Devonian	dolomite	2,160	4,300	3
Kate Spring	Tertiary Horse Camp Formation/ Tertiary	breccia	4,450	4,820	5
	Guilmette Formation/Devonian	dolomite			

**Table 3-1. Geological Profiles of the Seven Actively Producing Oil Fields in the Vicinity of the Withdrawal Application Area**

Field Name	Source Formation(s)/Age	Source Lithology	Production Depth, Top (feet bgs)	Production Depth, Bottom (feet bgs)	Number of Actively Producing wells (in 2020)
Sans Spring	Garrett Ranch Group/ Oligocene	volcaniclastic rocks and ignimbrites	5,640	5,770	1
Three Bar	Humboldt Formation/ Miocene	clastics, carbonates and volcanics <sup>a</sup>	5,720	7,070	1
Trap Spring	Pritchards Station/ Oligocene	tuff	3,210	4,950	31

<sup>a</sup> From *Smith and Ketner, 1976*

Source: Muntean et al., 2021

bgs = below ground surface

### 3.1.2 Geothermal Resources

The Great Basin is one of the largest geothermal provinces on Earth, due largely to its “high geothermal gradient and relatively high extensional to transtensional strain rates” (Faulds et al., 2017). With few exceptions, the geothermal systems lack a mid- to upper-crustal magmatic heat source, instead deriving heat through induced crustal thinning. Railroad Valley is in a large area of relatively low heat flow called the Eureka Low.

According to the DOE Office of Energy Efficiency & Renewable Energy, the characteristics of a good site for geothermal development are hot geothermal fluid with low mineral and gas content; shallow aquifers for producing and reinjecting the fluid; a location on private land to simplify permitting; proximity to existing transmission lines or load; and availability of make-up water for evaporative cooling. Geothermal fluid temperature should be at least 300°F (149°C), though plants are operating on fluid temperatures as low as 210°F (99°C) (DOE, n.d.). Golder (2018) reported that productive high-temperature geothermal systems generally require temperatures more than 150°C at depths less than 3,000 meters. Lower water temperatures can be used by binary power plants that use geothermal waters to heat a second working fluid with a much lower boiling point than water. These facilities can produce power from geothermal waters with temperatures below 150°C.

The perimeter of Railroad Valley is ringed by a series of springs and flowing wells, many of which are the namesake of an associated oil and gas field. Butterfield Springs, Cold Spring, and Blue Eagle Springs are a few of the named springs to the east of the WAA and Reynolds Springs and Warm Spring are to the west. As measured during the NURE-HSSR surveys, water temperatures in these springs range from 13°C at Blue Eagle Springs up to 50°C at Warm Spring (USGS, 2004). Temperature measurements taken from “thermal springs” in the area of the WAA and reported in a compilation of data titled “Thermal Springs List for the United States” ranged from a high of 71°C at Chimney Warm Spring to 29°C at Blue Eagle Springs to 22°C at Tom Springs (Berry et al., 1980). Of note, there are no leases currently filed or authorized for use of this resource within 5 miles of the WAA.

In a study of the heat flow in Railroad Valley, Williams and Sass (2006) collected temperature measurements from four idle wells at or near the thermal equilibrium, and combined with nine additional commercial well temperature measurements, analyzed the data to identify characteristic features of the Railroad Valley temperature gradients. In the northeastern valley area, the temperature gradient was low, appearing to reflect the shallow groundwater flow’s cooling effects. The temperature gradients of the

wells to the north of the valley generally ranged between 25 and 45°C km<sup>-1</sup>. However, near Grant Canyon and Bacon Flat fields in the central part of the valley, gradients increased to values between 60 and 120°C km<sup>-1</sup>, which is a large change in temperature gradient that is magnified through a significant increase in thermal conductivity of the sediment at depth, which corresponded with a decrease in porosity caused by compaction and alteration (Williams and Sass, 2006).

It must be noted that there are substantial variations in heat transport within Railroad Valley, which are indicated by mapping of the deepest heat flow value. High heat flow, indicative of an active hydrothermal system, is found near Bacon Flat and Grant Canyon. This heat flow is not uniform with depth throughout the Bacon Flat-Grant Canyon area, potentially reflecting the thermal transient from a young hydrothermal system or the cooling influence of lateral groundwater flow within shallow sediments (Williams and Sass 2006).

The temperature data gathered in the Bacon Flat-Grant Canyon area suggests high heat flow in an area of 50 to 100 square kilometers from the base of the Grant Range to east of Grant Canyon field to the western end of Railroad Valley. This finding is contrary to the standard Basin and Range geothermal model in which hot water is circulated along the strike of the major range-bounding faults (Williams and Sass 2006). Interpretation of these temperature data suggests that in this area, hot water flows through underlying carbonate rocks and along shales, volcanic rocks, and granites, while cool water flows through the valley fill (Hulen et al., 1994; Williams and Sass, 2006). This interpretation changes the pattern of conductive heat flow in Railroad Valley. This change is not affected by the regional groundwater flow within the carbonates if it is present at this location as it is in the rest of the Eureka Low. High heat flow from depth present in Railroad Valley is present because of these local restrictions to the regional flow in the carbonate aquifer system, and potentially caused by the circulation of water below the carbonate aquifer or advective heat from an undetected, recent magmatic activity (Williams and Sass, 2006).

### 3.1.3 Lithium

Lithium is an increasingly important mineral commodity because of its utility in a wide-range of technology-based applications, particularly its use in lightweight, rechargeable batteries. Despite its increasing use and expanding utility, lithium is not a particularly common element. On average, lithium concentrations in the Earth's mantle and crust are fairly low, measuring around 20 parts per million (ppm) in the upper continental crust, about 4.3 ppm in oceanic crust, and approximately 1.6 ppm in the mantle (Sun and McDonough 1989; McLennan, 2001).

Lithium deposits are generally grouped into one of three classes: (1) lithium-enriched crystalline rocks such as pegmatites, (2) sediment-hosted lithium deposits, and (3) brines. Based on the geological setting and mapped geology of the WAA and surrounding areas, hard-rock lithium deposits are not known or expected to be present in the WAA or surrounding areas, but geologically favorable conditions for sediment-hosted lithium deposits and lithium brine deposits are present in Railroad Valley.

Lithium-enriched clay mineral deposits are known to occur in the western U.S., including in northern Nevada (e.g., the Thacker Pass Project). Hectorite, a hydrothermally formed lithium-containing clay mineral is the primary lithium mineral found in sedimentary rocks (Bradley et al., 2017). Lithium brines, which consist of saline groundwater enriched in dissolved lithium, are most commonly found in closed basins, but they are also found to a lesser degree in oil field brines and geothermal brines. Of interest, all currently known, closed-basin lithium-brine deposits that are of present economic interest are of Quaternary age (Bradley et al., 2017), pointing to a relatively recent development profile and short lifespan for this type of deposit. In 2021, all lithium produced in the U.S. was from one brine operation in Nevada. This brine deposit is in Clayton Valley, which is approximately 110 miles to the west-southwest of the WAA.

### 3.1.3.1 Lithium in Surface Soils/Sediments, Surface Waters and Well Cuttings

The presence of lithium has been well-documented in surface soils/sediments, surface waters, and well cuttings analyzed from Railroad Valley. Some of the first records date to a 1966 drilling program by Standard Slag Company that was completed within the WAA. Six wells were completed, and these data documented lithium oxide concentrations ranging from 0.01 to 0.06 percent (approximately 4 to 28 ppm lithium) in these wells at general depths of 700 to 400 feet bgs. In his 1976 study of the influence of drainage area on the distribution of lithium in playa sediments, Davis (1976) collected sediment samples from 41 playas in California, Oregon, and Nevada. The three samples collected from Railroad Valley had concentrations of lithium with a mean of 88 ppm and a range of 63 to 120 ppm. Bohannon and Meier (1976) reported average lithium concentrations of 81 ppm for four samples collected from a "120 cm auger hole in playa" and a second result of 43 ppm from "evaporating pond sediment" in Railroad Valley. The samples were analyzed for lithium content by atomic absorption and were presumably collected in 1975 or 1976. More detail about the specific location where the samples were collected was not provided in the reference.

A total of 248 surface soil samples from Railroad Valley initially collected in 1978 and 1980 as part of the NURE-HSSE program yielded an average lithium concentration of 51 ppm, ranging up to 247 ppm. Two samples collected within the WAA contained 109 ppm and 104 ppm lithium concentrations (USGS, 2004). Refer to Figure 2-2 for an illustration of sample locations/lithium results; Table B-1 in Appendix B for a listing of analytical results; and Figure 3-2 for a map depicting contoured analytical data. All 22 of the 248 samples collected from Railroad Valley that contained greater than 100 ppm lithium are located within 4 miles of the WAA, generally to the north.

Analysis of 24 surface water samples from Railroad Valley initially collected in 1980 as part of the NURE-HSSE program yielded lithium concentrations greater than 0.1 ppm in 17 samples, with 2 of these samples containing 1.2 ppm and 2.9 ppm (USGS, 2004). Nine surface water samples were collected within a few miles of the WAA, though none were collected on the WAA. Lithium results for these nine samples ranged from 12 to 255 parts per billion (ppb) (USGS, 2004). No water samples were collected within the WAA during the NURE study. Water sampling locations and lithium results are illustrated on Figure 2-2 and the results are provided in Table B-2 in Appendix B.

The analysis of surface samples and oil well cuttings housed at the NBMG's library was completed by Eagle Exploration in the late-1990s, and the results include common oxides and trace elements, including lithium (Gillespie and Blechen, 1999). According to the report, the sampling results were first converted to normalized weight percent (excluding oxygen), then to normalized ppm. Two of the 126 outcrop samples were collected within 3 miles of the WAA and both returned Li concentrations of 11 normalized ppm. Samples of drill cuttings ranging from 1,780 feet bgs to 14,000 feet bgs yielded a wide range of lithium results. In general, shallower samples (up to 6,000 feet bgs) contained lithium concentrations ranging from 14 to 92 normalized ppm. Samples from 10,750 to 14,000 feet bgs in one well in the adjacent Township 9 North, Range 56 East to the north yielded an average lithium concentration of 151 normalized ppm over this interval, with a high value of 312 normalized ppm. Analytical data from well cuttings within Township 8 North, Range 56 East from depths ranging from 1,800 to 4,700 feet bgs averaged 50 normalized ppm (Gillespie and Blechen, 1999). Data from this study are provided in Table B-3 in Appendix B.

Based on a news release from June 2017 (Blue Eagle Lithium, 2017), Macarthur Mineral Limited staked 210 new placer mining claims at its new Reynolds Springs Lithium Brine Project (Reynolds Springs Project) in Railroad Valley, Nevada. Reynolds Spring is located approximately 2 miles northwest of the WAA. Prior to staking the claims, company geologists collected five soil samples, which returned lithium values ranging from 80 to 350 ppm (average 256 ppm) and boron values ranging from 20 to 720 ppm (average 342 ppm). Water samples collected from Reynolds Springs by Macarthur Minerals' consulting

geologists averaged lithium values of 230 ppb and boron values 445 ppb. According to the news release, numerous thermal springs along the northwest and southeast flanks of the playa basin carry “moderately anomalous values of Lithium, about twice the concentration for these elements detected from water samples collected at other springs that were sampled in the valley” (Macarthur Minerals Limited, 2017). Following staking, the company collected a total of 206 soil samples across the full extent of the Reynolds Springs Project. Lithium values in the soil samples ranged from a low of 39.3 ppm to a high of 405 ppm, averaging 168.3 ppm with 85 percent of samples recording over 100 ppm and 19 percent greater than 200 ppm (Macarthur Minerals, n.d.).

In 2019, Blue Eagle Lithium Inc. reported general sample results from “sixty-five sets of surface samples and 10 water samples” collected in late 2018 stating that the results “show a range of positive Lithium (Li) concentrations, many in excess of 100 ppm, in the surface deposits with a strong positive correlation between Lithium and Magnesium (Mg) presence and an inverse correlation between Lithium and Barium (Ba) presence” (Blue Eagle Lithium, 2019). The collection area for this effort is the “South Railroad Valley” property located in Sections 14, 15, 16, 21, 22,23, and 28 of Township 6 North Range 56 East, 4.5 miles south of the WAA.

The concentrations of lithium in some surface soils may or may not reflect the actual lithium potential of the underlying sediments or brine deposits. Davis (1976) studied the influence of drainage area on the distribution of lithium in playa sediments. Using a value of 300+ ppm lithium as “anomalous,” he found only 4 of the 41 valleys he studied could be classified as anomalous. Two well-known playas, Searles Lake and Great Salt Lake, both with known lithium-enriched brines did not have anomalous lithium content in surface sediments.

For comparison, the Kings Valley Lithium Project, now known as the Thacker Pass Project, is a lithium-clay deposit in the McDermitt caldera complex in northern Nevada (Humboldt County) and southern Oregon. This deposit has been under study since lithium was first found in the area in the late-1970s, and according to Castor and Henry (2020), constitutes possibly the “world’s largest Li clay resource.” These sediments contain concentrations of lithium up to 3,000 ppm, with entire sedimentary sections in the southern and western parts of the caldera basin containing lithium concentrations greater than or equal to 500 ppm. The Thacker Pass Project, approved by BLM in January 2021, would require the development of an 1,100-acre open-pit mine; the construction of a refining facility, including a sulfuric acid plant for use in a leaching process and a lithium processing plant; and construction of other support facilities, with a total footprint of about 5,700 acres. Projected water demand for the project is 2,600 acre-feet/year for Phase I and 5,200 acre-feet/year for Phase II (BLM, 2020).

No surface mining of sediment-hosted lithium deposits is occurring at Clayton Valley, despite similar or higher reported concentrations (200 to 500 ppm) of lithium in surface soil samples compared to Railroad Valley (Smith et al., 2018).

### **3.1.3.2 Lithium Brines in Railroad Valley**

Geological research specifically related to lithium-brine in Railroad Valley has been ongoing since at least 2017. Data from these studies combined with historical geologic data from almost 70 years of oil and gas exploration in Railroad Valley suggest the presence of a lithium-enriched brine at the lowest point in the valley, which coincides with the location of the WAA. However, publicly available information on the concentrations of lithium in waters and brines underneath Railroad Valley is scarce.

3PL Operating Inc. has interpreted a “super-brine” (one that is supersaturated with salts) deposit that intersects the surface in the middle of Railroad Valley, underneath the WAA (refer to Section 2.3). The company’s data show that freshwater aquifers ring the playa to the north, east, and south, but the brine pool bulges through the fresh and saline water and reaches the surface of the Railroad Valley playa near

its center. Interestingly, there is no saline water lens on the east side of the valley. This is consistent with the reported presence of very soft, “spongy” soils in the center of the playa, a fact also noted during previous reconnaissance and site investigations (Phalen 1919; Gaylord 1965, 1967). Loomis and others (2021) reported lithium concentrations of up to 0.08 mg/L in brine samples collected at depth and approximately 1 mile south of the WAA. At Salar de Atacama in South America, considered to be the world’s most significant lithium district, the brine is hosted in the porous upper 30 meters of the salar’s halite nucleus (Garrett, 2004), and a recent report suggests a brine target at a depth of more than 200 meters (Hiner, 2017). While Clayton Valley brines contain an average of 160 ppm lithium, and Salar de Atacama brines an average of 1,400 ppm, Munk and others (2016) note that “economic” brines contain a minimum of 100 mg/L and up to 5,000 mg/L Li or roughly 100 to 5,000 ppm. At Clayton Valley, brines are pumped from six gently dipping aquifers that all lie within a few hundred meters of the surface (Bradley et al., 2017).

### 3.1.4 Sodium

The Railroad Valley Saline Company completed an eight-hole drilling program in Railroad Valley between 1912 and 1914 in search of potash deposits. Five of these exploration holes were completed within the current boundaries of the WAA (Gaylord, 1967). While potassium was not found in economic quantities, the investigation identified thick and laterally extensive “Gay-lussite” deposits at depths between 700 and 1,400 feet bgs. In 1966, the Standard Slag Company completed a seven-hole drilling program in Railroad Valley, including six holes within the current boundaries of the WAA (Gaylord, 1967). This drilling program intersected thick sequences of high-purity gaylussite, a mineral rich in sodium, documenting more than 220 feet of gaylussite deposits in the upper 1,400 feet, with an average concentration of 17.3 percent sodium carbonate. Gaylord (1967) estimated the sodium carbonate ore reserves in that area of exploration to be almost 2 million tons over an area of 2.96 square miles.

Several other relevant observations were noted in the 1966 investigation report (Gaylord, 1967). Well No. 3, completed in Township 7 North, Range 56 East at the intersection of Sections 2, 3, 10 and 11, was drilled to a depth of 1,311 feet bgs and did not intersect any water. Well No. 5, completed in Township 7 North, Range 56 East at the intersection of Sections 11 and 14, was drilled to a depth of 1,383 feet bgs and did not intersect any water. The geologist’s interpretation of the subsurface structure indicated a shallow trough or basin trending about N13°E with the center of the basin near the midpoint of the Section line between Sections 2 and 11 on the east side of the current WAA. During the drilling of Well Nos. 3 and 5, drilling mud circulation could not be maintained between depths of 300 to 550 feet bgs. Soon after the wells were collared, cracks appeared on the ground surface, extending out at least 70 feet, with some radiating from Well No. 3. After circulation was reestablished, drilling mud reached the surface in the cracks away from the collar (Gaylord, 1967).

Information provided by 3PL Operating Inc. suggests that Railroad Valley hosts one of the “largest sodium-rich repositis in the world” (Loomis et al., 2021). In a 2021 Assessment of Mineral Resources, concentrations of sodium greater than 15 percent are documented in the brine and “256 million tons” of sodium carbonate are estimated to be present. Loomis and others (2021) also interpret deposits of solid-salts in the subsurface that are “larger than the brine, and potentially much more valuable” since they may also contain lithium, boron, and phosphate.

## 3.2 Known Prospects, Mineral Occurrences, and Mineralized Areas

This section describes the known mineral and energy resources, including locatable, leasable, and salable minerals, and the types of mineral deposits that are known or likely to occur, and provides details on the mineral economics and strategic and critical minerals that could occur in WAA.

### 3.2.1 Mining Claims and Leases

The BLM classifies minerals into three categories: locatable, leasable, and salable minerals. Minerals subject to disposal under the Mining Law of 1872 include most metallic mineral deposits, such as gold, silver, copper, molybdenum, tungsten, iron, and uranium, and certain nonmetallic and industrial minerals, such as gypsum, barite, diatomite, fluorspar, lithium, and sulfur. These minerals, when situated on lands open to operation of the Mining Law, are sometimes called "locatable" because it is possible for U.S. citizens, including domestic corporations, to stake or "locate" a mining claim on the lands, thereby gaining exclusive rights to explore for, and develop, the minerals. "Placer" mining claims, such as those present in the WAA and surrounding lands, are typically used to claim mineral deposits other than those found in veins or other rock-in-place. While a valid mining claim provides priority of possession against other mining claimants and the U.S. Government, it is not necessary to have a mining claim to obtain minerals under the Mining Law. The U.S. Government collects no royalties or fees for minerals extracted under the Mining Law.

Minerals subject to disposal under the various mineral leasing laws include solid minerals, such as coal, oil shale, native asphalt, phosphate, sodium, potash, and potassium, and leasable fluid minerals, such as oil, gas, coal-bed natural gas and geothermal resources. These minerals are sometimes called "leasable" because BLM administers their disposal through the issuance of leases, as well as permits and licenses.

Salable minerals are subject to disposal under the Materials Act of 1947, as amended, and generally include surface materials like aggregates, sand, gravel, petrified wood, and "common variety" materials. Uncommon varieties of saleable-type minerals may be locatable if the deposits meet certain tests created by various judicial and administrative decisions. Federally certified mineral examiners determine uncommon variety minerals on a case-by-case basis (BLM, n.d.).

### 3.2.2 Mining Claims

Within the WAA are 618 placer mining claims held by two companies: 3PL Operating Inc., and Lithium Ore Corp. Lithium Ore Corp. is listed as the claimant on a total of 5 of these claims but their interest in these 5 claims was transferred to 3PL Operating Inc. in October 2018. In total these placer mining claims cover about 12,360 acres or approximately 54 percent of the WAA. Within Township 7 North, Range 56 East (Mount Diablo meridian), placer mining claims cover all of Sections 2, 3, 9, 10, 11, 12, 13, 14, 15, 16, 21, 22, 23, 24, 26, and 27 and parts of Sections 4, 5, 8, 17, 20, and 25. In Township 8 North, Range 56 East (Mount Diablo meridian), placer mining claims cover about 100 acres of Section 33.

### 3.2.3 Leases

A total of 16,880 acres (approximately 74 percent) of the WAA is currently leased for oil and gas resources. This includes all of Sections 2-11, 13, 15-17, 20-23, and 25-27, and parts of Sections 12, 14, and 24 in Township 7 North, Range 56 East (Mount Diablo meridian), and all of Sections 27, 34, and 35 in Township 8 North, Range 56 East (Mount Diablo meridian). The leaseholders with the largest holdings include Roy G. Barton, Barton Roy G., and the Roy G Barton Sr & Opal Barton Revocable Trust, who have leases on 13 entire Sections and 3 partial Sections. No geothermal leases are in the area. Table 3-2 lists the leaseholders within the WAA and a complete list of the leaseholders is provided in Appendix D.

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### 3.2.4 Mineral Material Sites

Based on a review of data from BLM's LR2000 system, no active mineral material sites are located within the WAA. Currently three sand and gravel pits are authorized within 5 miles of the WAA (Table 3-3). Two of these pits are administered by BLM and the third is administered by the Nye County Road Department. The nearest site is located approximately 2 miles to the east of the WAA.

**Table 3-3. Mining Material Sites within 5 Miles of the WAA**

Case Type	Commodity	Serial Number	Section	Lot	Township/Range	Disposal Start Year	Administered by
Community Pit - All	Sand and Gravel	NVN 091869	9	SWSE	7 North, 57 East	2011	Nye County Road Department
Community Pit - All	Sand and Gravel	NVN 060244	9	E2SWSE, W2SESE	7 North, 57 East	1995	BLM
Community Pit - All	Sand and Gravel	NVN 020299	1	1	8 North, 55 East	1977	BLM
			6	4	8 North, 56 East	1977	BLM

### 3.3 Surface Management Plans and Notices

As indicated in BLM's LR2000 system, a "Surface Management Notice" was submitted by 3PL Operating Inc. for Sections 22, 23 and 27 (Township 7 North Range 56 East, Mount Diablo meridian) within the WAA and authorized by BLM in 2018. The Serial Register page for this case is provided in Attachment D.

### 3.4 Types of Mineral Deposits

The types of potential mineral deposits present on the WAA are limited by its physical and geological setting. As described previously, the WAA site sits squarely in the middle of a large playa, with very little relief at the lowest point in Railroad Valley. The floor of Railroad Valley slopes gently upwards to the north-northeast and south-southwest. The ground slopes more steeply upwards where the alluvium from the ranges to the east and west meet the valley floor and then upwards to the peaks of the Grant and Pancake Ranges.

There are no rock outcrops and the surface consists of relatively soft sediments that shrink and swell with the precipitation events. This part of Nevada receives about 6 inches of rain and 8 inches of snow annually. At its closest point, the northwest corner of the WAA is located 1.7 miles from the edge of Railroad Valley and the southeast corner is just over 1 mile from the edge of Railroad Valley. There are no prospects or mines on, or proximal to, the WAA. An important factor in the genesis of mineral deposits in Railroad Valley is hydrothermal activity. The impact of hydrothermal activity on each of the mineralization types described in this section is apparent, but the extent of the impact is not fully understood.

In general, three important types of mineralization occur within the WAA. The first is associated with several hundred to almost 10,000 feet of interlayered volcanic rocks and evaporites, topped by up to 1,200 feet of progradational clastic rocks, that have been affected by hydrothermal waters and hydrological changes related to numerous filling and evaporation cycles of non-marine paleolakes. The second is related to the development of a brine complex underneath the playa and the surrounding areas of Railroad Valley. At depth and potentially related to the Chainman Formation and the valley's

hydrothermal resources is the third type of mineralization and the one for which Railroad Valley is famous: oil and gas.

Publicly available information strongly suggests the presence of a brine deposit within, and adjacent to, the WAA. While sodium, lithium, and boron appear to be the main exploration target for these deposits, other valuable minerals and extractable elements are also likely to be, or potentially, present. Tungsten is also known to be present in brines, such as those in Searles Lake, California, which have been documented to contain concentrations of 56 ppm tungsten and the largest known domestic tungsten resource (Altringer et al., 1985). Neupane and Wendt (2017) found that some geothermal brines in the Great Basin Section within Nevada (an analogue of the Great Basin physiographic section) have suitable water chemistry for extraction of silica (SiO<sub>2</sub>), potassium, boron, cesium, rubidium and lithium. Other brines in this Section, notably those in the Salton Trough, contain high total dissolved solids that are commonly associated with higher concentrations of economic minerals of interest, such as lithium, manganese, and cesium. Orris and others (2014) found that magnesium can be a component of some brines that occur in western China. With the exception of a few acidic brines in Wyoming and New Mexico, Neupane and Wendt (2017) noted that all other geothermal features produce brines with extremely low levels (parts per trillion to low ppb) of rare earth elements. This observation is tempered by the fact that rare earth element data were only available for about 10 percent of the geothermal features included in the study.

### **3.5 Mineral Economics: Strategic and Critical Minerals**

Portions of the WAA are located within the non-metallic Butterfield Marsh Historic Mining District, west of the metallic-rich Troy Mining District known to produce tungsten, gold, silver, lead, zinc, copper, beryllium, manganese, and uranium, and southeast of the Silverton Mining District (NBMG 2022; Figure 2-5). Within the project area, mineral deposits are predominantly non-metallic; however, mineralogical exploration studies are underway to determine the presence and volume of lithium resources either within or near the WAA. Mineral commodities produced from the Butterfield Marsh district include calcite, halite, trona, and gaylussite. The Nevada Mineral Industry 2020 publication did not identify any ongoing exploration in or near Railroad Valley in 2020 for gold, silver, copper or molybdenum (Muntean et al., 2021).

The following subsections provide a summary of both strategic and critical minerals that have been identified, or have the potential, to occur within and proximal to the WAA. Currently there is no active mining of minerals occurring on, or adjacent to, the WAA.

#### **3.5.1 Strategic Minerals in the Project Area**

Strategic minerals are generally those listed as essential to national defense and supplies of which would be difficult to obtain during a war effort. Some examples of the strategic minerals include chromium, cobalt, platinum, silver, tin, titanium, tungsten and zinc. Strategic minerals are often mined outside the U.S., imported, and stockpiled for use in times of need. Two strategic minerals are identified in Nevada that have been produced in the area of the WAA: silver and tungsten.

##### **3.5.1.1 Silver**

Nevada is currently the second largest producer of silver in the U.S. The largest producer of silver in Nevada is the Coeur Rochester Mine located outside of Lovelock, Nevada, in Churchill County, approximately 175 miles northeast of the WAA. Silver, however, is mined across Nevada in nearly every county. Silver mineralization is known to occur in the Troy Mining District, located several miles east of the project area in the Grant Range, but available records do not document how much, if any, silver was mined. No currently active mines are identified in the Troy Mining District on the Nevada Mineral Explorer (NBMG, 2022).

### 3.5.1.2 Tungsten

Tungsten (W) is a versatile metal, used most commonly as a tungsten carbide in cemented carbides. Tungsten is used in wires; electrodes; contacts used in lighting, electronic, electrical, heating, and welding applications; as a heavy metal alloy; for high-density applications; superalloys; and composites, including as a substitute for lead in bullets and shot. Tungsten chemical compounds are used in catalysts, inorganic pigments, and high-temperature lubricants (USGS, 2022a). Tungsten has the highest melting point of all metals and can be alloyed with other metals to strengthen them. Tungsten can be used by some bacteria in an enzyme to reduce carboxylic acids to aldehydes (Royal Society of Chemistry, 2022). No domestic production of commercial tungsten concentrates has been reported in the U.S. since 2015 (USGS, 2022a).

Tungsten occurs in a variety of minerals, most commonly scheelite, ferberite, and hübnerite (Royal Society of Chemistry, 2022) as well as wolframite (Werner et al., 2014). In the U.S., tungsten ore is most commonly derived from skarns, veins, and porphyry mineral deposits (Karl et al., 2020). When combined, vein and vein stockwork deposits account for a large percentage of world tungsten production (Werner et al., 2014). Tungsten is also known to be present in brines, such as those in Searles Lake, California, which have been documented to contain concentrations of 56 ppm tungsten and contain the largest known domestic tungsten resource (Altringer et al., 1985).

One small tungsten mine, referred to as The Terrell Tungsten Mine in the Troy Mining District, is located a few miles east of the WAA. This mine began operation in 1954 and closed in 1957. Tungsten mineralization occurs in Paleozoic limestone that was “intruded by crystalline igneous rock of late Mesozoic or early Tertiary age,” which formed a skarn along the contact. Tungsten mineralization of varying intensity was reported to be widespread in the area (Stephenson, 1970). The small mine was never reopened and is no longer in production, with no proposed plans for resuming mining activities because of low production rates. While tungsten was the primary mineral mined, tertiary minerals included zinc, beryllium, manganese and copper. Tungsten is also a critical mineral. No currently active mines are identified in the Troy Mining District or within or near the WAA on the Nevada Mineral Explorer (NBMG, 2022).

As described in Section 2.5, Loomis and others (2021) reported tungsten concentrations of up to 17.7 mg/L in brine samples collected in Railroad Valley and provided measured estimates of tungsten trioxide of more than 17 tons in the middle brine zone.

### 3.5.2 Critical Minerals in the Project Area

The Energy Act of 2020 defines a “critical mineral” as a non-fuel mineral or mineral material essential to the economic or national security of the U.S. and which has a supply chain vulnerable to disruption. Critical minerals are considered to serve an essential function in the manufacturing of a product, the absence of which would have significant consequences for the economy or national security (USGS, 2022c). Critical minerals are different from strategic minerals in that they are less difficult to “procure during wartime because they can either be produced in the U.S. or obtained in adequate quantities from reliable foreign sources” (Colorado Geological Survey, 2022).

On February 22, 2022, the USGS issued the 2022 List of Critical Minerals, which includes 50 minerals. According to the NDOM, 18 critical minerals are actively mined in Nevada, including aluminum, antimony, arsenic, barite, beryllium, bismuth, cobalt, fluor spar, gallium, graphite, lithium, magnesium, manganese, tellurium, titanium, tungsten, vanadium, and zinc. None of these commodities are actively mined on or within 1 mile of the WAA. Table 3-4 summarizes the mineral potential classification for critical mineral resources within the WAA.

Based on the research conducted during this MPR, four critical minerals have the potential to occur within the WAA, in either soil/sediment or brine: barite, lithium, magnesium, and tungsten. Brief discussions about barite, lithium, and magnesium are provided in the following subsections. A description of tungsten, which is also a strategic mineral, is provided in Section 3.5.1.2.

### 3.5.2.1 Barite

Barite is an extremely dense mineral that is also soft and chemically inert. More than 90 percent of the barite sold in the U.S. is used as a weighting agent in fluids used in the drilling of oil and natural gas wells. Barite also is used as a filler, extender, or weighting agent in products such as paints, plastics, and rubber. Because of its density, barite significantly blocks X-ray and gamma-ray emissions and is used as aggregate in high-density concrete for radiation shielding around X-ray units in hospitals, nuclear powerplants, and university nuclear research facilities. In 2021, barite was mined at two locations in Nevada from two mines that operated intermittently and processed at another facility in Nevada from previously stockpiled material (Johnson et al., 2017).

Barite deposits can be divided into the following four main types: (1) bedded-sedimentary, (2) bedded-volcanic, (3) vein, cavity-fill, and metasomatic, and (4) residual. Bedded sedimentary deposits, which are found in sedimentary rocks with characteristics of high biological productivity during sediment accumulation, are the major sources of barite production and account for the majority of reserves, both in the U.S. and worldwide (Johnson et al., 2017).

### 3.5.2.2 Lithium

Lithium is the lightest of all metals and is extracted from brines that are pumped from beneath arid sedimentary basins and extracted from granitic pegmatite ores (Bradley et al., 2017). In 2022, lithium was produced in the U.S. from one brine operation in Nevada. Two companies produce a wide range of downstream lithium compounds in the U.S., from domestic or imported lithium carbonate, lithium chloride, and lithium hydroxide. Lithium markets are dominated by batteries, followed by ceramics and glass and other uses to a lesser extent. Lithium consumption for batteries has increased significantly in recent years because of the rise of rechargeable lithium battery use. Outside the U.S., worldwide lithium production in 2021 increased by 21 percent. The majority of lithium production comes from four mineral operations in Australia, two brine operations each in Argentina and Chile, and two brine and one mineral operation in China (USGS, 2022d). Types of lithium deposits are described in Section 3.1.3.

### 3.5.2.3 Magnesium

Magnesium is the eighth most abundant element, comprising about 2 percent of the Earth's crust, and is the third most plentiful element dissolved in seawater. Magnesium is found in over 60 minerals of commercial importance and can be produced from seawater, well and lake brines, and bitterns. Its principal use is an alloying addition to aluminum, which is used mainly for beverage cans and structural components of automobiles and machinery. Magnesium also is used to remove sulfur from iron and steel (USGS, 2022e). In 2021, primary magnesium was produced by one company in Utah at an electrolytic process smelter that recovered magnesium from brines from the Great Salt Lake. The leading use (nearly half) for primary magnesium metal was in castings, mostly used for the automotive industry, followed by aluminum-base alloys that were used for packaging, transportation, and other applications. Secondary magnesium was recovered from scrap at smelters that produced magnesium ingot and castings and from aluminum alloy scrap at secondary aluminum smelters. The majority of secondary magnesium was used in aluminum alloys (USGS, 2022f).

Table 3-4. Mineral Potential for Critical Minerals in the Withdrawal Application Area

Critical Mineral (February 24, 2022)	Mineral Potential Classification	Geological Description & Comments	Use	Mineral Potential Comments	References
Aluminum (bauxite)	L/B (in Soil/ Sediment and Brine)	Bauxite is a naturally occurring mineral composed of one or more aluminum hydroxide minerals (USGS, 2022g). Bauxite forms from the weathering of aluminum-bearing rocks in wet, warm climates with subsurface drainage in tectonically stable areas (Plunkert, 2005).	Aluminum is one of the most useful metals in the world. Its uses include construction, transportation, consumer items (such as appliances), machinery, electrical transmission lines and more. Recycled aluminum also has various uses (USGS, 2022g).	Typical aluminum ore minerals are not present in the WAA.	USGS 2022 Minerals Yearbook, USGS 2022 Mineral Commodity Summaries, Mineral of the Month 2005
Antimony	L/B (in Soil/ Sediment and Brine)	Antimony is a brittle crystalline solid that is white in color. It occurs with sulfur and heavy metals, such as lead, silver, and copper. The predominant ore of antimony is stibnite, however there are many minerals of antimony (USGS, 2022h).	Antimony metal is used in storage batteries as a hardener in lead. It can also be used in alloys and solders, and antimony trioxide is primarily used in flame-retardant formulas (USGS, 2022h).	Antimony has been mined in the Silverton Mining District to the west but antimony ores are not known or expected to occur in the WAA.	USGS 2022 Minerals Yearbook
Arsenic	L/B (in Soil/ Sediment and Brine)	Arsenic is a gray metal which is not generally encountered as a free element but rather is found in minerals and ores which contain iron, lead, and copper. Most often it is found in groundwater as a result of natural weathering processes. The ore mineral which contains the most arsenic is arsenopyrite, which occurs in high-temperature hydrothermal veins, in contact metamorphic environments, and pegmatites (USGS, 2014a).	The main use of arsenic trioxide has been for the production of arsenic acid used in preservatives for treating lumber. Arsenic metal has been used to strengthen lead-acid storage batteries and as an antifriction additive. Arsenic compounds have been used in insecticides and herbicides. Highly-pure arsenic metal is used to produce gallium-arsenide semiconductors for telecommunications, solar cells, and space research (USGS, 2022i).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of arsenic.	USGS 2014 Mineral Resource of the Month; USGS 2022 Minerals Yearbook
Barite (Ba)	L/B (In Soil/ Sediment)  M/B (In Brine)	Bedded-sedimentary deposits, which are found in sedimentary rocks with characteristics of high biological productivity during sediment accumulation, are the major sources of barite production and account for the majority of reserves (Johnson et al., 2017). The depositional environmental in Railroad Valley was not typified by high biological activity, and to date, geological investigation in the area has not identified the playa as a potential source of barite (USGS, 2022j).	More than 90 percent of the barite sold in the United States is used as a weighting agent in fluids used in the drilling of oil and natural gas wells (USGS, 2022j). Elemental barium is an additive in optical glass, ceramic glazes, and other products (Johnson et al., 2017). According to the USGS, barite significantly blocks X-ray and gamma-ray emissions, and is used as aggregate in high-density concrete for radiation shielding around X-ray units in hospitals, nuclear powerplants, and university nuclear research facilities (USGS, 2022j).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of barium ores in the WAA.	Barite Chapter of Critical Mineral Resources of the US; USGS 2022 Mineral Commodity Summaries
Beryllium	L/C (in Soil/ Sediment and Brine)	Two beryllium minerals are commercially important for beryllium: bertrandite, and beryl (USGS, 2018a). Both of these minerals are associated with igneous rocks; bertrandite formed by specific events surrounding the contents of magma with proximity to carbonate rocks, and beryl forming in veins or pegmatites (USGS, 2012).	Beryllium metal is used on aerospace and defense applications; and beryllium-copper alloys are used in a wide variety of applications. Beryllium oxide is also used as a heat conductor and electrical insulator (USGS 2022k).	Beryllium was a minor product at a mine located in the Troy Mining District, several miles to the west in the Grant Range. The geologic setting of the Grant Range is much different than that of Railroad Valley. The geologic environment and inferred geologic processes indicate a low potential for accumulation of beryllium in the WAA.	USGS 2018 Minerals Yearbook; USGS 2022 Minerals Yearbook; USGS 2012 Fact Sheet
Bismuth	L/C (in Soil/ Sediment and Brine)	Bismuth is a silver-white mineral with a metallic luster, and is mainly a byproduct of lead ore processing (USGS, 2022l). Bismuth seldom occurs in high enough concentrations to permit a commercially-viable recovery as a primary product and is thus reliant on the processing of other mineral ores (USGS, 2006).	Bismuth can be used in solders, as a metallurgical additive, in medications, in atomic research, and in alloys. Bismuth has also been used as a nontoxic replacement for lead in products including food processing equipment, lubrication greases, and other products (USGS, 2022l).	Other mineral ores are not present in the WAA.	USGS 2022 Minerals Yearbook; USGS Mineral Resource of the Month Article
Cerium	L/C (in Soil/ Sediment and Brine)	Cerium is common in Earth's crust and is the most abundant rare earth element; but like all rare earth elements, economically-mineable deposits of cerium are rare. Cerianite is a mineral of cerium ore. This occurs in intensely weathered zones of alkaline igneous rocks or carbonatite in tropical humid climates conducive to forming thick laterite zones (Schultz et al., 2017a).	Classified as a 'rare earth mineral,' cerium is used in ceramics and glass sectors (USGS, 2017). Cerium is also used in metallurgy, as a polishing compound, and in catalytic converters (USGS, 2022m).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of cerium in the WAA.	USGS 2017a Yearbook; USGS 2022 Critical Minerals List; USGS Critical Mineral Resources of the US 2017

Critical Mineral (February 24, 2022)	Mineral Potential Classification	Geological Description & Comments	Use	Mineral Potential Comments	References
Cesium	L/C (in Soil/Sediment and Brine)	Pollucite is a primary cesium ore mineral found in certain granite pegmatites (USGS, 2022n).	Cesium is used in research and development, especially in the electrical and chemical industries (USGS, 2022n). Cesium mineral is used as feedstock. Cesium is also used to form brines to be used in well drilling for oil and gas exploration (USGS, 2022n).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of cesium in the WAA.	USGS 2022 Minerals Yearbook; USGS 2022 Mineral Commodity Summaries
Chromium	L/C (in Soil/Sediment and Brine)	Chromium can be obtained from the chromium-bearing mineral crocoite, and chromite, a more common mineral and the primary source of chromium. Generally, sources of chromium of economic importance are peridotite and norite, which occur as layered intrusions or ophiolites. Ferrochromium is a form of chromium produced by the smelting of chromite ore (USGS, 2001).	Chromium has many uses in refractories, metals, chemicals, as an additive in alloys to enhance hardenability and resistance to oxidation and corrosion, as well as other uses in plating of metals, pigments, catalysts, leather processing and surface treatments (USGS, 2022p).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of chromium in the WAA.	USGS 2022 Minerals Yearbook; USGS 2001 Handbook of Chemical Industry
Cobalt	L/C (in Soil/Sediment and Brine)	Cobalt is a gray, silvery metal, which can be found in land-based deposit types such as nickel/copper sulfides, primary and secondary stratiform sulfides and oxides, and secondary laterites. Cobalt resources are known to exist on the sea floor with iron-manganese nodules and as part of crusts (Slack et al., 2017).	Cobalt is used in rechargeable battery electrodes, superalloys, as a catalyst in the chemical and petroleum industry, in airbags, cemented carbines, resistant alloys, specialized tools, as a drying agent, in dyes, in magnets, tires, and more (USGS, 2022q).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of cobalt in the WAA.	Cobalt Chapter of Mineral Resources of the US 2017; USGS 2022 Minerals Yearbook
Dysprosium	L/C (in Soil/Sediment and Brine)	Dysprosium is a rare earth element which occurs with other rare earth elements in several minerals, but most importantly in monazite and bastnasite (Los Alamos National Laboratory, 2022a).	Dysprosium is used in lasers, data storage devices, and permanent magnets (USGS, 2022m).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of rare earth elements in the WAA.	Los Alamos National Laboratory Periodic Table of Elements; USGS 2022 Critical Minerals List
Erbium	L/C (in Soil/Sediment and Brine)	Erbium is a soft, silvery metal (Los Alamos National Laboratory, 2022b) which occurs in uncommon geologic settings with other rare earth elements (USGS, 2014b).	Erbium is used in optical amplifiers, glass colorants, fiber optics, and lasers (USGS, 2022m). Erbium is also used as a glare-reduction agent for glass (Van Gosen et al., 2017).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of rare earth elements in the WAA.	USGS 2022 Critical Minerals List; 2022 Los Alamos National Laboratory Periodic Table; USGS 2014 Fact Sheet 2014-3078; Van Gosen et al. 2017 Rare-Earth Elements
Europium	L/C (in Soil/Sediment and Brine)	Similar to other rare earth elements, europium occurs in uncommon geologic settings but occurs with other rare earth elements (USGS, 2014b). Europium can be incorporated into feldspars (Van Gosen et al., 2017). Europium can also be found in dark monazite which may be formed by contact metamorphism (Rosenblum and Mosier, 1983).	Europium is used in nuclear control rods and phosphors (USGS, 2022m). Europium is also used as a doping agent for optical fibers (Van Gosen et al., 2017).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of rare earth elements in the WAA.	USGS 2022 Critical Minerals List; Van Gosen et al 2017 Rare-Earth Elements; USGS 2014 Fact Sheet 2014-3078
Fluorspar	L/C (in Soil/Sediment and Brine)	Fluorine is incompatible in igneous systems which become concentrated in the residual magma. This leads to high fluorine concentrations in further evolved or differentiated igneous rocks. Additionally, in sedimentary rocks, fluorine is concentrated in phosphorites where fluorine substitutes for hydroxyl ions in apatite. Hydrothermal deposits are also mined for fluorine where it has precipitated from hot water (Hayes et al., 2017).	Fluorspar has a wide range of uses which include both direct and indirect uses in manufacturing gasoline, insulating foams, steel, aluminum, refrigerants, and uranium fuel (USGS, 2022r).	Requisite source rocks are not present in the WAA. The geologic environment and inferred geologic processes indicate a low potential for accumulation of fluorspar in the WAA.	USGS 2022 Minerals Yearbook; Fluorine Chapter of Critical Minerals of the US
Gadolinium	L/C (in Soil/Sediment and Brine)	As with other rare earth elements, gadolinium is formed in residual magma. Gadolinium makes up a very small portion of the earth's crust. Monazite sands and bastnaesite are also sources for gadolinium (Fleischer, 1950). Gadolinium can be sourced from gadolinite, which is green/brown/black in color, and can be found in alkaline pegmatites, as well as in granite, greisen, and in veins (Schultz et al., 2017).	Gadolinium is used in steelmaking, medical imaging, and permanent magnets (USGS, 2022m).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of rare earth elements in the WAA.	USGS 2022 Critical Minerals List; Critical Mineral Resources of the US 2017; An Introduction to Geochemistry of Gadolinium 1950



Critical Mineral (February 24, 2022)	Mineral Potential Classification	Geological Description & Comments	Use	Mineral Potential Comments	References
Gallium	L/C (in Soil/Sediment and Brine)	Gallium can be found in low amounts in various geologic environments, but is found most commonly with deposits of zinc and aluminum. Gallium is a minor to trace element in many minerals, but the majority of newly mined gallium metal is from sediment-hosted lead-zinc deposits and bauxite (Foley et al., 2017). Gallium is mainly produced as a recovered byproduct of processing zinc and bauxite ores (USGS, 2022s).	Gallium arsenides are used in optoelectric devices, solar cells to manufacture compound semiconductor wafers for integrated circuits, and in light-emitting diodes among other uses. Gallium nitride is also used to manufacture optoelectronic devices. Gallium is also used in research and development (USGS, 2022s).	Zinc and aluminum deposits are not known to occur in the WAA. The geologic environment and inferred geologic processes indicate a low potential for accumulation of gallium in the WAA.	Mineral Commodity Summaries 2022; Gallium Chapter of Critical Mineral Resources of the US 2017
Germanium	L/C (in Soil/Sediment and Brine)	Germanium is a grayish-white, hard element with a metallic luster and while having the same crystal structure as a diamond, is brittle. It is primarily a byproduct of zinc ore processing (USGS, 2022t). Germanium can also be found in an aqueous form with fluoride, phosphate, hydroxide, and sulfate. Several rare minerals contain germanium, including renierite, germanite, and argyrodite; but as previously stated, is primarily harvested as a byproduct of other ores (Shanks et al., 2017).	Germanium is used as a semiconductor, in fiber optics communication networks, in polymerization catalysts, and other applications. Germanium can be reclaimed through recycling (USGS, 2022t).	Zinc and other ore deposits are not known to occur in the WAA. The geologic environment and inferred geologic processes indicate a low potential for accumulation of gallium in the WAA.	USGS 2022 Minerals Yearbook; Germanium and Indium Chapter of Critical Mineral Resources of the United States 2017
Graphite	L/C (in Soil/Sediment and Brine)	Graphite is a crystalline, soft form of carbon gray to black in color with a metallic luster. Graphite occurs in metamorphic rocks including gneiss, schist, and marble (USGS, 2022u). Most graphite found in the earth's crust was formed by high-temperature thermal alteration of organic matter from sedimentary rocks. Rocks that graphite is associated with are primarily metamorphic rocks and some igneous rocks as well (Robinson et al., 2017).	Graphite's abilities to have properties of both a nonmetal and a metal make it very useful in many applications, including electrical and thermal conductivity, as a lubricating agent, in high thermal resistance, and in fuel and battery cells, among others (USGS, 2022u).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of graphite in the WAA.	USGS 2022 Minerals Yearbook; Graphite Chapter of Critical Mineral Resources of the United States 2017
Hafnium	L/C (in Soil/Sediment and Brine)	The zirconium silicate mineral zircon is the main source of hafnium. Zircon is a byproduct or coproduct of mining/processing of heavy-mineral sands for ilmenite and rutile and tin (USGS, 2022v). The majority of zircon is formed by primary crystallization in igneous rocks. The amount of hafnium in these minerals depends on the composition of the magma. The largest primary deposits of hafnium are found with alkaline igneous rocks. There is a rare hafnium-rich mineral known as hafnon which occurs in tantalum-bearing granite pegmatites and in a niobium-tantalum-rich granitic complex in a region of China, and a few additional occurrences in granitic pegmatites (Jones et al., 2017).	Hafnium is used in superalloys, high-temperature ceramics, nuclear control rods, and as nozzles for plasma arc metal cutting (USGS, 2022v).	Heavy-mineral sands do not occur in the WAA. The geologic environment and inferred geologic processes indicate a low potential for accumulation of zircon or other hafnium-bearing minerals in the WAA.	USGS 2022 Minerals Yearbook; Zirconium & Hafnium Chapter of Critical Mineral Resources of the United States 2017
Holmium	L/C (in Soil/Sediment and Brine)	Holmium is a rare earth element, and like other rare earth elements, requires uncommon geologic settings but occurs with other rare earth elements (USGS, 2014b). Holmium can be found commercially in monazite and can also occur in gadolinite (Los Alamos National Laboratory, 2022c).	Holmium is used in nuclear control rods, lasers, and in permanent magnets (USGS, 2022m). Holmium is also used as an agent to provide filtering and glare-reduction qualities for glass (Van Gosen et al., 2017).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of rare earth elements in the WAA.	USGS 2022 Critical Minerals List; Rare Earth Minerals Chapter of Critical Mineral Resources of the United States 2017; Los Alamos National Laboratory Periodic Table of Elements 2022
Indium	L/C (in Soil/Sediment and Brine)	Indium is mainly produced from residues generated during the processing of zinc ore (USGS, 2022w). Indium is a metallic, malleable, very soft metal with a low melting point. Indium is restricted to a few minerals and is not found concentrated in deposits (Shanks et al., 2017).	Indium can be used as in semiconductors and in films for liquid crystal displays among other, lesser frequent uses. Indium can also be recycled (USGS, 2022w).	Zinc and other ore deposits are not known to occur in the WAA. The geologic environment and inferred geologic processes indicate a low potential for accumulation of indium in the WAA.	USGS 2022 Minerals Yearbook; Germanium and Indium Chapter of Critical Mineral Resources of the United States 2017

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Iridium	L/C (in Soil/ Sediment and Brine)	Members of the Platinum Group Metals tend to be found together in nature, but amounts are rarely of economic importance. However, mining for this group does occur. Members of the Platinum Group are also produced as byproducts of nickel-copper and chromite mines (Singerling & Schulte, 2018). Iridium, like other members of the Platinum Group, can be a native metal mineral and also form compounds with other transition metals, post-transmission metals, metalloids and nonmetals as well. These minerals manifest as fine-grained, very small units of the overall ore mineral. Pyrrhotite may contain iridium. Iridium can be found in some magmatic deposits and in placer deposits (Zientek et al., 2017).	Iridium, a member of the Platinum Group, has uses such as a chemical catalyst and in coating anodes (USGS, 2022m).	Nickel-copper minerals, chromite minerals, magmatic deposits and placer deposits are not known to be present in the WAA.	USGS 2022 Critical Minerals List; USGS 2018 Minerals Yearbook Platinum-Group Metals; Platinum-Group Elements Chapter of Critical Mineral Resources of the United States 2017
Lanthanum	L/C (in Soil/ Sediment and Brine)	As with other rare earth elements, lanthanum is commonly found with other rare earth elements. Lanthanum similarly tends to remain in coexisting magma while other silicate elements begin to crystallize, until after several rounds of this crystallization process occur and the rare earth elements begin to crystallize. The four geologic environments in which rare earth element deposits occur include carbonatites, ion-absorption clay deposits, monazite-xenotime-bearing placer deposits, and alkaline igneous systems (USGS, 2014b). Lanthanum can be found primarily in monazite and bastnasite, as well as cerite and allanite (Los Alamos National Laboratory, 2022d).	Lanthanum is used in the production of ceramics, glass, metallurgy, batteries, as a polishing compound, and to produce catalysts (USGS, 2022m).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of rare earth elements in the WAA.	USGS 2022 Critical Minerals List; USGS 2014 Rare Earth Elements Fact Sheet 2014-3078; Los Alamos National Laboratory Periodic Table of Elements
Lithium	H/D (In Soil/ Sediment)  H/D (In Brine)	Lithium is the lightest of all metals and is extracted from brines that are pumped from beneath arid sedimentary basins and extracted from granitic pegmatite ores (Bradley et al., 2017). Lithium produced in the U.S. was from one brine operation in Nevada in 2022. Two companies produced a wide ranges of downstream lithium compounds in the U.S. from domestic or imported lithium carbonate, lithium chloride, and lithium hydroxide (USGS, 2022d).	Lithium markets are dominated by batteries, followed by ceramics and glass and other uses to a lesser extent. Lithium consumption for batteries has increased significantly in recent years due to the rise of rechargeable lithium battery use. Outside of the US, worldwide lithium production in 2021 increased by 21 percent. The majority of lithium production comes from four mineral operations in Australia, two brine operations each in Argentina and Chile, and two brine and one mineral operation in China (USGS, 2022d).	Lithium is known to occur in sediments on and brines under the WAA.	Mineral Commodity Summaries 2022; Lithium Chapter of Critical Mineral Resources of the US 2017
Lutetium	L/C (in Soil/ Sediment and Brine)	As with other rare earth elements, lutetium is commonly found with other rare earth elements. Lutetium similarly tends to remain in coexisting magma while other silicate elements begin to crystallize, until after several rounds of this crystallization process occur and the rare earth elements begin to crystallize. The four geologic environments in which rare earth element deposits occur include carbonatites, ion-absorption clay deposits, monazite-xenotime-bearing placer deposits, and alkaline igneous systems (USGS, 2014b). Lutetium can be found in almost all minerals containing yttrium in very small amounts, as well as in monazite (Los Alamos National Laboratory, 2022e).	Lutetium can be used to increase the refractive index of optical glass, and in immersion lithography (Van Gosen et al., 2017). Lutetium is also used in some cancer therapies, medical imaging, and electronics (USGS 2022m).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of rare earth elements in the WAA.	USGS 2014 Rare Earth Elements Fact Sheet 2014-3078; Los Alamos National Laboratory Periodic Table of Elements; Rare Earth Elements Chapter of Critical Mineral Resources of the US 2017; USGS 2022 Critical Minerals List

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Magnesium	H/D (In Soil/ Sediment)  M/B (In Brine)	Magnesium is the eighth most abundant element, comprising about 2 percent of the Earth's crust, and is the third most plentiful element dissolved in seawater. Magnesium is found in over 60 minerals of commercial importance and can be produced from seawater, well and lake brines and bitterns. Magnesium metal's principal use is an alloying addition to aluminum, which are used mainly for beverage cans and for structural components of automobiles and machinery. Magnesium also is used to remove sulfur from iron and steel (USGS, 2022x). Magnesite, MgCO <sub>3</sub> , is primarily found in four types of deposits: sedimentary beds, alterations of serpentine, vein fillings, and replacements of limestone and dolomite. Brucite, a mineral form of magnesium hydroxide, is found in crystalline limestone. Olivine generally occurs as granular masses or disseminated grains and crystals. Evaporites can be found both on the surface and underground which can contain magnesium (Kramer, 2001).	The leading use (nearly half) for primary magnesium metal was in castings mostly used for the automotive industry followed by aluminum-base alloys that were used for packaging, transportation, and other applications. Secondary magnesium was recovered from scrap at smelters that produced magnesium ingot and castings and from aluminum alloy scrap at secondary aluminum smelters. The majority of secondary magnesium was used in aluminum alloys (USGS, 2022y).	The geologic environment and inferred geologic processes indicate a high potential for accumulation of magnesium in the WAA.	USGS 2022 Minerals Yearbook; Mineral Commodity Summaries 2022; Magnesium its Alloys and Compounds 2001
Manganese	L/C (in Soil/ Sediment and Brine)	Manganese is one of the most abundant elements in Earth's crust. Manganese can be a trace element in many minerals, but ore minerals are less common. The most common manganese minerals in ore deposits are manganese oxides, such as pyrolusite and cryptomelane and the most common manganese carbonates are rhodochrosite and kutnohorite (Cannon et al., 2017).	Manganese is used in steel and iron production, in ferroalloys, aluminum alloys, in batteries, and in its nonmetallurgical uses include animal feed, plant fertilizers, and brick colorants (USGS, 2022z).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of manganese in the WAA.	USGS 2022 Minerals Yearbook; Manganese Chapter of Critical Mineral Resources of the US 2017
Neodymium	L/C (in Soil/ Sediment and Brine)	As with other rare earth elements, neodymium is commonly found with other rare earth elements. Neodymium similarly tends to remain in coexisting magma while other silicate elements begin to crystallize, until after several rounds of this crystallization process occur and the rare earth elements begin to crystallize. The four geologic environments in which rare earth element deposits occur include carbonatites, ion-absorption clay deposits, monazite-xenotime-bearing placer deposits, and alkaline igneous systems (USGS, 2014b). Neodymium can be found in monazite and bastnasite (Los Alamos National Laboratory, 2022f).	Neodymium is used in medical and industrial lasers, rubber catalysts, and in permanent magnets (USGS, 2022m) as well as a special colorant and in providing filtering and glare-reduction quality for glass (Van Gosen et al., 2017).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of rare earth elements in the WAA.	USGS 2014 Rare Earth Elements Fact Sheet 2014-3078; Los Alamos National Laboratory Periodic Table of Elements; Rare Earth Elements Chapter of Critical Mineral Resources of the US 2017; USGS 2022 Critical Minerals List
Nickel	L/C (in Soil/ Sediment and Brine)	Nickel is a transition element which is both a siderophile and chalcophile, and can exhibit a mix of nonferrous and ferrous metal properties. A majority of the nickel that is mined comes from two types of ore deposits, magmatic sulfide deposits in which the primary ore mineral is pentlandite, and laterites in which the primary ore minerals are garnierite and limonite. Nickel sulfide deposits are usually associated with ultramafics in both volcanic and plutonic conditions (USGS, 2022aa).	Much of the nickel is used to make a specific kind of stainless steel, followed by superalloys and nonferrous alloys used in aerospace industry among other industries. Other uses include rechargeable batteries, coins, foundry products, and as catalysts (USGS, 2022aa).	Neither magmatic sulfide deposits nor laterites are present in the WAA.	USGS 2022 Minerals Yearbook
Niobium	L/C (in Soil/ Sediment and Brine)	Niobium is a transition metal which is almost always found with tantalum. Both elements are hard, conductive, and resistant to corrosion. These two elements do not occur as pure metals naturally but are instead concentrated in oxide and hydroxide minerals and in a few silicate minerals. Niobium comes from the pyrochlore group of complex oxide minerals found in certain alkaline granite-syenite complexes and carbonatites (Schulz, Piatak, & Papp, 2017).	Niobium is used as an alloying element in steels and superalloys, as well as other element-based superalloys for rocket subassemblies, jet engine components, and combustion equipment (USGS, 2022ab).	Requisite source rocks are not present in the WAA.	USGS 2022 Minerals Yearbook; Niobium and Tantalum Chapter of Critical Mineral Resources of the US 2017

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Palladium	L/C (in Soil/ Sediment and Brine)	Members of the Platinum Group Metals tend to be found together in nature, but amounts are rarely of economic importance. However, mining for this group does occur. Members of the Platinum Group are also produced as byproducts of nickel-copper and chromite mines. Palladium is mined in the United States (Singerling & Schulte, 2018) in a layered igneous intrusion in the Stillwater Complex of Montana. Platinum Group Metals can occur as native metals as well as compounds with other metals including transition metals, post-transition metals, nonmetals and metalloids (Zientek et al., 2017).	Palladium's primary uses include use as a catalyst agent and in catalytic converters (USGS, 2022m). Palladium is used as a form of financial or physical assets. Catalytic converters can be recycled to reclaim palladium (Zientek et al., 2017).	Requisite source rocks for platinum group elements are not present in the WAA.	USGS 2022 Critical Minerals List; USGS 2018 Minerals Yearbook Platinum-Group Metals; Platinum-Group Elements Chapter of Critical Mineral Resources of the US 2017
Platinum	L/C (in Soil/ Sediment and Brine)	Members of the Platinum Group Metals tend to be found together in nature, but amounts are rarely of economic importance. However, mining for this group does occur. Members of the Platinum Group are also produced as byproducts of nickel-copper and chromite mines (Singerling & Schulte 2018). Platinum Group Metals can occur as native metals as well as compounds with other metals including transition metals, post-transition metals, nonmetals and metalloids (Zientek et al., 2017).	Platinum is a key element in catalytic converters (USGS 2022am) as well as use in jewelry, use as a crucible material, and as a catalyst (USGS, 2022ac).	Requisite source rocks for platinum group elements are not present in the WAA.	USGS 2022 Critical Minerals List; USGS 2018 Minerals Yearbook Platinum-Group Metals; Platinum-Group Elements Chapter of Critical Mineral Resources of the US 2017; USGS 2022 Minerals Yearbook
Praseodymium	L/C (in Soil/ Sediment and Brine)	As with other rare earth elements, praseodymium is commonly found with other rare earth elements. Praseodymium similarly tends to remain in coexisting magma while other silicate elements begin to crystallize, until after several rounds of this crystallization process occur and the rare earth elements begin to crystallize. The four geologic environments in which rare earth element deposits occur include carbonatites, ion-absorption clay deposits, monazite-xenotime-bearing placer deposits, and alkaline igneous systems (USGS, 2014b). Praseodymium can be found in monazite and bastnasite (Los Alamos National Laboratory, 2022g).	Praseodymium primary uses include ceramics, colorants, in aerospace alloys, batteries, and in permanent magnets (USGS, 2022m). The uses of such permanent magnets include wind turbines and electric vehicles (USGS, 2014b). Additional uses include carbon arcs used in the film industry and as a component to color welder's goggles (Los Alamos National Laboratory 2022g), as well as providing filtering and glare-reduction in glass (Van Gosen et al., 2017).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of rare earth elements in the WAA.	USGS 2022 Critical Minerals List; Los Alamos National Laboratory Periodic Table of Elements; Rare Earth Elements Chapter of Critical Mineral Resources of the US 2017; USGS 2014 Rare Earth Elements Fact Sheet 2014-3078
Rhodium	L/C (in Soil/ Sediment and Brine)	Members of the Platinum Group Metals tend to be found together in nature, but amounts are rarely of economic importance. However, mining for this group does occur. Members of the Platinum Group are also produced as byproducts of nickel-copper and chromite mines (Singerling & Schulte, 2018). Platinum Group Metals can occur as native metals as well as compounds with other metals including transition metals, post-transition metals, nonmetals and metalloids. Pyrrhotite may contain some rhodium (Zientek et al., 2017).	Rhodium's primary uses include acting as an oxidation catalyst in catalytic converters, as part of a platinum-rhodium alloy catalyst (USGS, 2022ac), and in electrical components (USGS, 2022m). Rhodium can also be used as a form of financial or physical assets (Zientek et al., 2017).	Requisite source rocks for platinum group elements are not present in the WAA.	USGS 2018 Minerals Yearbook Platinum-Group Metals; Platinum-Group Elements Chapter of Critical Mineral Resources of the US 2017; USGS 2022 Critical Minerals List;
Rubidium	L/A (in Soil/ Sediment and Brine)	Rubidium is a ductile, silver-white, soft alkali metal which is slightly radioactive when naturally occurring. It is somewhat abundant in the Earth's crust but does not form any minerals of its own, and has mostly been produced as a byproduct of cesium and lithium ore processing (Butterman & Reese 2003). Rubidium has also been found with some evaporate mineral occurrences (USGS, 2020).	Rubidium's most important use has been in research and development, especially in electronic and chemical applications (USGS 2022o). Rubidium is also used in specialty glasses for fiber optic systems, in night-vision devices, photoelectric cells, medical treatments, and use in the ultracentrifugal separation of nucleic acids and viruses (Butterman & Reese, 2003).	Granite and pegmatite source rocks for rubidium are not present in the WAA. There is potential for rubidium to occur in brines but there is not sufficient publicly available information to document its presence or absence.	USGS 2022 Mineral Yearbook; USGS Mineral Commodity Profile 2003

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Ruthenium	L/C (in Soil/ Sediment and Brine)	Members of the Platinum Group Metals tend to be found together in nature, but amounts are rarely of economic importance. However, mining for this group does occur. Members of the Platinum Group are also produced as byproducts of nickel-copper and chromite mines (Singerling & Schulte, 2018). Platinum Group Metals can occur as native metals as well as compounds with other metals including transition metals, post-transition metals, nonmetals and metalloids. Pyrrhotite may contain some ruthenium (Zientek et al., 2017).	Ruthenium's primary uses include use as an electrical contact, in chip resistors in computers, and as a catalyst (USGS, 2022m).	Requisite source rocks for platinum group elements are not present in the WAA.	USGS 2018 Minerals Yearbook Platinum-Group Metals; Platinum-Group Elements Chapter of Critical Mineral Resources of the US 2017
Samarium	L/C (in Soil/ Sediment and Brine)	As with other rare earth elements, samarium is commonly found with other rare earth elements. samarium similarly tends to remain in coexisting magma while other silicate elements begin to crystallize, until after several rounds of this crystallization process occur and the rare earth elements begin to crystallize. The four geologic environments in which rare earth element deposits occur include carbonatites, ion-absorption clay deposits, monazite-xenotime-bearing placer deposits, and alkaline igneous systems (USGS, 2014b). Primary minerals for samarium and other rare earth elements are loparite, monazite, bastnasite, and lateritic ion-adsorption clays (USGS, 2022ad).	Samarium's primary uses include use in cancer treatments, as an absorber in nuclear reactors, and use in permanent magnets (USGS, 2022m).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of rare earth elements in the WAA.	USGS 2022 Critical Minerals List; USGS 2022 Minerals Yearbook; USGS 2014 Rare Earth Elements Fact Sheet 2014-3078
Scandium	L/C (in Soil/ Sediment and Brine)	Primary minerals for scandium and other rare earth elements are loparite, monazite, bastnasite, and lateritic ion-adsorption clays (USGS, 2022ad). Scandium has been sourced from the scandium-yttrium silicate mineral known as thortveitite, as well as a byproduct from uranium operations (USGS, 2022ae).	Scandium's primary uses include uses in fuel cells, alloys, and in ceramics (USGS, 2022m). Additional uses include electronics, radioactive isotopes, and electronics (USGS, 2022ae).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of rare earth elements in the WAA.	USGS 2022 Critical Minerals List; USGS 2022 Minerals Yearbook; USGS Mineral Commodity Summaries 2022
Tantalum	L/C (in Soil/ Sediment and Brine)	Tantalum is a transition metal which is almost always found with niobium. Both elements are hard, conductive, and resistant to corrosion. These two elements do not occur as pure metals naturally but are instead concentrated in oxide and hydroxide minerals and in a few silicate minerals. Tantalum is found in the mineral tantalite, an accessory mineral in some metal granites and pegmatites enriched with cesium and lithium (Schulz, Piatak, & Papp, 2017).	Tantalum is used in producing electronic components, especially tantalum capacitors which are used in cell phones, personal computers, electronics for automobiles, among other uses. When an alloy is formed with another metal, tantalum can be used to produce superalloys for jet engine components and in making carbide tools (USGS, 2022az).	Requisite source rocks are not present in the WAA.	USGS 2022 Minerals Yearbook; Niobium and Tantalum Chapter of Critical Mineral Resources of the US 2017
Tellurium	L/C (in Soil/ Sediment and Brine)	Tellurium is mainly produced as a byproduct of the processing of copper (USGS 2022af). In the US, tellurium has been recovered in copper slimes (USGS 2022ag). Tellurium is rather rare in the Earth's upper crust. Tellurium can appear as a native element, and also combines with specific elements generally via covalent and metallic bonds. Tellurium can be found in many minerals in various types of ore deposits, but those are generally to low in tellurium to be commercially recoverable. Minerals with tellurium include altaite, melonite, and tellurantimony. Tellurium can also be concentrated in some sulfide minerals. Tellurium is present in different types of deposits, including magmatic copper-nickel-platinum-group metal sulfide deposits, volcanogenic massive sulfide deposits, porphyry deposits, and iron oxide-copper-gold deposits among others (Goldfarb et al., 2017).	Tellurium has uses in thermoelectric applications, use in steel, and in cadmium telluride solar cells (USGS, 2022af). Tellurium is also used in thermoelectric devices, as an additive in lead alloys to enhance resistance to fatigue and vibration, and as a vulcanizing agent and accelerator among other uses (USGS, 2022ag).	Requisite source rocks are not present in the WAA. The geologic environment and inferred geologic processes indicate a low potential for tellurium in the WAA.	USGS 2022 Minerals Yearbook; USGS Mineral Commodity Summaries 2022

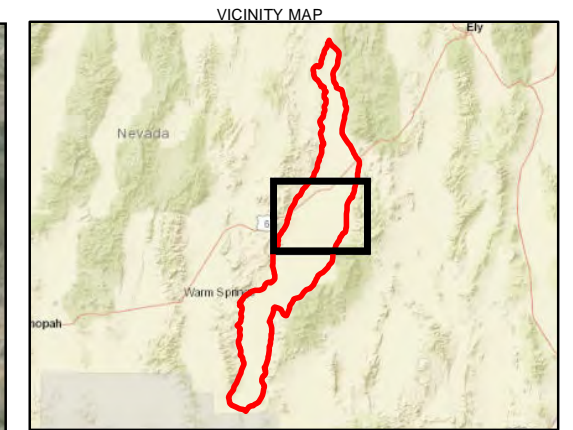
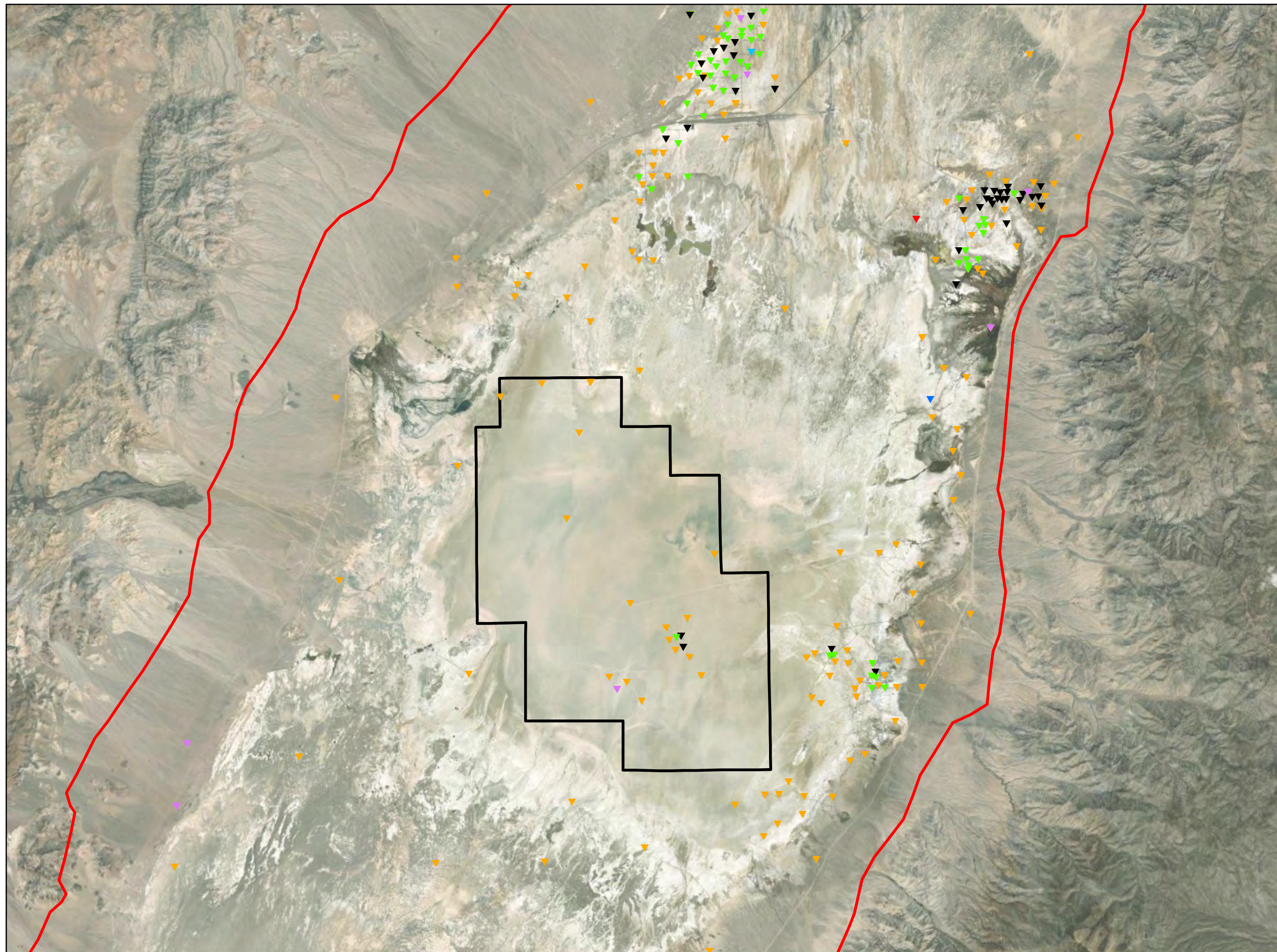
Critical Mineral (February 24, 2022)	Mineral Potential Classification	Geological Description & Comments	Use	Mineral Potential Comments	References
Terbium	L/C (in Soil/ Sediment and Brine)	As with other rare earth elements, terbium is commonly found with other rare earth elements. terbium similarly tends to remain in coexisting magma while other silicate elements begin to crystallize, until after several rounds of this crystallization process occur and the rare earth elements begin to crystallize. The four geologic environments in which rare earth element deposits occur include carbonatites, ion-absorption clay deposits, monazite-xenotime-bearing placer deposits, and alkaline igneous systems (USGS, 2014b). Primary minerals for terbium and other rare earth elements are loparite, monazite, bastnasite, and lateritic ion-adsorption clays (USGS, 2022ad). Additional mineral sources for terbium include gadolinite and cerite (Los Alamos National Laboratory, 2022h).	Terbium's primary uses include use in solid-state devices, fiber optics, and permanent magnets (USGS, 2022m). Terbium is also used in televisions and some light bulbs (USGS, 2014b).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of rare earth elements in the WAA.	USGS 2022 Critical Minerals List; USGS 2022 Minerals Yearbook; USGS 2014 Rare Earth Elements Fact Sheet 2014-3078; Los Alamos National Laboratory Periodic Table of Elements 2022
Thulium	L/C (in Soil/ Sediment and Brine)	As with other rare earth elements, thulium is commonly found with other rare earth elements. Thulium similarly tends to remain in coexisting magma while other silicate elements begin to crystallize, until after several rounds of this crystallization process occur and the rare earth elements begin to crystallize. The four geologic environments in which rare earth element deposits occur include carbonatites, ion-absorption clay deposits, monazite-xenotime-bearing placer deposits, and alkaline igneous systems (USGS, 2014b). Primary minerals for thulium and other rare earth elements are loparite, monazite, bastnasite, and lateritic ion-adsorption clays (USGS, 2022ad).	Thulium's uses include use in lasers as well in metal alloys (USGS, 2022m).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of rare earth elements in the WAA.	USGS 2022 Critical Minerals List; USGS 2022 Minerals Yearbook; USGS 2014 Rare Earth Elements Fact Sheet 2014-3078
Tin	L/C (in Soil/ Sediment and Brine)	Much of the world's tin comes from placer deposits, and a primary mineral source of tin is cassiterite, although small amounts of tin can be recovered from complex sulfides including teallite, canfieldite, franckeite, cylindrite, and stannite (USGS, 2022ah). Cassiterite has a greasy, submetallic luster and can be transparent to opaque, and various colors including black. Although placer tin deposits are the most important source of cassiterite, granite-related tin deposits are also an economic source of tin (Kamilli et al., 2017).	Tin has been used by humans to harden copper as early as 3,500 BC. Tin is used today as a protective coating and as an alloy. Tin is also used in solders for joining electric circuits, pipes, used in glass-making, and in chemical applications (USGS, 2022ah).	There are no indications of the occurrence of tin ores on the WAA.	USGS 2022 Minerals Yearbook; Tin Chapter of Critical Mineral Resources of the US 2017
Titanium	L/C (in Soil/ Sediment and Brine)	Titanium can be found in several minerals, including leucoxene, ilmenite and rutile which are the most significant reservoirs of this element (USGS, 2022ai). Ilmenite is currently mined from magmatic deposits within host rocks of Proterozoic age. Rutile and some ilmenite are produced from heavy-mineral deposits of alluvial, eolian, and fluvial origin (Woodruff et al., 2017).	The majority of titanium is used in the form of titanium dioxide as a white pigment in plastics, paints and paper (USGS, 2022ai). Additionally, titanium metal and metal alloys are used in welding applications, used as biological implants, and the aerospace industry (Woodruff et al., 2017).	There are no indications of the occurrence of titanium ores on the WAA.	USGS 2022 Minerals Yearbook; Titanium Chapter of Critical Mineral Resources of the US 2017
Tungsten	M/B (In Soil/ Sediment) H/C (In Brine)	Tungsten occurs in a variety of minerals, most commonly scheelite, ferberite, and hübnerite (Royal Society of Chemistry, 2022) as well as wolframite (Werner et al., 2014). In the US, tungsten ore is most commonly derived from skarns, veins, and porphyry mineral deposits (Karl et al., 2020). When combined, vein and vein stockwork deposits account for more than 50 percent of world tungsten production in 1986, and the deposits	Tungsten has a large diversity of uses, but currently the largest use is as in cemented carbides as a tungsten carbide. These can be used as electrodes, in metal wires, or as special contacts. Tungsten is also used in producing heavy metal alloys, superalloys for turbine blades, and chemical uses include use as a catalyst and as a high-temperature lubricant (USGS, 2022aj).	Typical hardrock tungsten ores and deposits are not known to occur in the WAA..	USGS 2022 Minerals Yearbook; Tungsten Deposits in the US 2020; USGS Mineral Commodity Summaries 2022; Royal Society of Chemistry 2022

Critical Mineral (February 24, 2022)	Mineral Potential Classification	Geological Description & Comments	Use	Mineral Potential Comments	References
		consist of tungsten-bearing quartz veins or vein stockwork that occur in or near granitic intrusions (Werner et al., 2014). Tungsten has the highest melting point of all metals and can be alloyed with other metals to strengthen them. Tungsten can be used by some bacteria in an enzyme to reduce carboxylic acids to aldehydes (Royal Society of Chemistry, 2022).	No domestic production of commercial tungsten concentrates has been reported in the US since 2015. Approximately six US companies had the capability to convert tungsten concentrates, ammonium paratungstate, tungsten oxide, and/or scrap to tungsten metal powder and/or chemicals. Over half of the tungsten consumed in the US was used in cemented carbide parts for cutting and wear-resistant applications, the remainder used to make various alloys and specialty steels, electrodes, filaments, wires, etc. for various applications. World tungsten supply was dominated by production in China and exports from China. In 2021, some production was constrained in China after environmental and safety inspections at Chinese mines. In 2020 China was the world's leading tungsten consumer. Apart from China, Canada, Kazakhstan, Russia, and the US have significant tungsten resources (USGS, 2022b).		
Vanadium	L/C (in Soil/ Sediment and Brine)	Vanadium is widely distributed in nature as a trace element. Vanadium is produced by mining ores, high-temperature industrial activities, and the combustion of fossil fuels. Vanadium is present in high quantities in mafic igneous rocks, and less so in ultramafic and intermediate composition rocks. Vanadium can also be concentrated in magmatic magnetite deposits. Vanadium also can be found with organic-rich sediments, including shales. Vanadium, in being so widely distributed in nature, is present in many minerals. The four principal types of deposits of vanadium are vanadate deposits, shale-hosted deposits, vanadiferous titanomagnetite, and sandstone-hosted vanadium deposits (Kelley et al., 2017).	Vanadium is used to ferrous alloys which are used in crankshafts, gears, and axles, as well as used with aluminum to strengthen titanium alloys used in the aerospace industries (USGS, 2022ak).	There are no indications of the occurrence of vanadium ores on the WAA.	USGS Minerals Yearbook 2022; Vanadium Chapter of the Critical Mineral Resources of the US 2017
Ytterbium	L/C (in Soil/ Sediment and Brine)	As with other rare earth elements, ytterbium is commonly found with other rare earth elements. ytterbium similarly tends to remain in coexisting magma while other silicate elements begin to crystallize, until after several rounds of this crystallization process occur and the rare earth elements begin to crystallize. The four geologic environments in which rare earth element deposits occur include carbonatites, ion-absorption clay deposits, monazite-xenotime-bearing placer deposits, and alkaline igneous systems (USGS, 2014b). Primary minerals for ytterbium and other rare earth elements are loparite, monazite, bastnasite, and lateritic ion-adsorption clays (USGS, 2022ad).	Ytterbium primary uses include metallurgy applications, in lasers, and use as a catalyst (USGS, 2022m). Ytterbium also has use as a special colorant, filtering and glare reducing agent for glass (Van Gosen et al., 2017).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of rare earth elements in the WAA.	USGS 2022 Critical Minerals List; USGS 2022 Minerals Yearbook; USGS 2014 Rare Earth Elements Fact Sheet 2014-3078
Yttrium	L/C (in Soil/ Sediment and Brine)	Yttrium is often included with the rare earth minerals because it shares both physical and chemical similarities and occurs in the same deposits as rare earth elements. Yttrium can be located in peralkaline rare earth element deposits in minerals including allanite, eudialyte, and bastnaesite; in metamorphic deposits in minerals such as xenotime (Van Gosen et al., 2017). Primary minerals for yttrium include bastnasite and monazite being the most important for yttrium (USGS, 2022a).	Yttrium is mainly used in the oxide compound form for phosphors and ceramics, but is also utilized in electronic devices, optical glass, in metallurgical applications, and in lasers (USGS 2022al).	The geologic environment and inferred geologic processes indicate a low potential for accumulation of rare earth elements in the WAA.	Rare Earth Chapter of the Critical Mineral Resources of the US 2017; USGS Mineral Commodities Summary 2022

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Critical Mineral (February 24, 2022)	Mineral Potential Classification	Geological Description & Comments	Use	Mineral Potential Comments	References
Zinc	L/C (in Soil/ Sediment and Brine)	Principal ores of zinc include sphalerite and zinc sulfide (USGS, 2022am). Zinc in its pure form does not occur naturally in nature, but can occur or be associated with other minerals which contain elements such as calcium, fluorine, arsenic, and sulfur among others (Bleiwas & DiFrancesco, 2010).	Zinc is mainly used as a metal, but has many uses from use in medicines to use in the rubber industry. Zinc is used to coat steel and iron from corrosion, and also is used as an alloy (USGS, 2022am).	Zinc ore deposits are not known to occur in the WAA. The geologic environment and inferred geologic processes indicate a low potential for accumulation of zinc in the WAA.	USGS Minerals Yearbook 2022; USGS Historical Zinc Smelting Report 2010-1131
Zirconium	L/C (in Soil/ Sediment and Brine)	Zirconium is sourced from the zirconium silicate mineral zircon, a coproduct/byproduct of the mining and processing of heavy-mineral sands for certain titanium minerals and tin minerals (USGS 2022v). The majority of zircon is formed by primary crystallization in igneous rocks. Baddeleyite is another, less common, zirconium ore which occurs in alkaline rocks, some metamorphosed carbonate rocks, as well as mafic and ultramafic rocks (Jones et al., 2017).	Zircon's primary uses include as foundry sands, ceramic opacification, and as refractories, as well as nuclear fuel cladding and various specialty alloys (USGS, 2022v).	Heavy-mineral sands do not occur in the WAA. The geologic environment and inferred geologic processes indicate a low potential for accumulation of zircon or other zirconium-bearing minerals in the WAA.	USGS 2022 Minerals Yearbook; Zirconium & Hafnium Chapter of Critical Mineral Resources of the United States 2017





**LEGEND**

**Oil and Gas Well Status**

- ▼ Abandoned
- ▼ Expired
- ▼ In Use
- ▼ Plugged
- ▼ Retired
- ▼ Shut-In
- ▼ Withdrawn

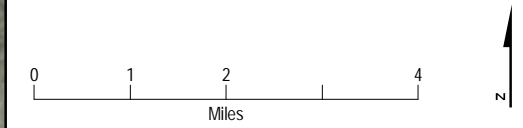
▭ Railroad Valley Boundary

▭ RRV - Withdrawal Application Area

Notes:  
 Oil and Gas Wells Source: Nevada Division of Minerals Open Data Site  
<https://data-ndom.opendata.arcgis.com/datasets/NDOM::oil-gas-production-and-well-data/explore?ayer=1&location=0.000000%2C62.999963%2C0.00>

The boundaries of Railroad Valley were estimated based on the topographic contours and labeling on United States Geological Survey 7.5-minute series topographic maps.

RRV = Railroad Valley

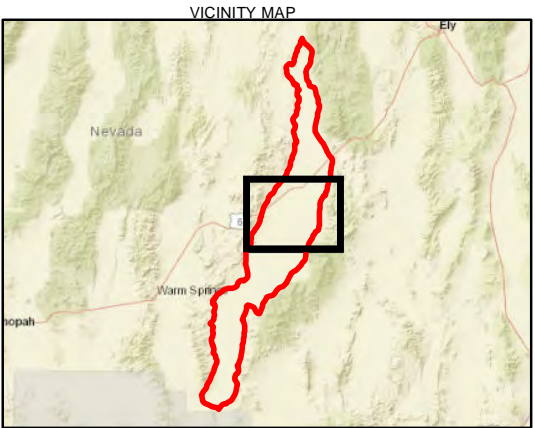
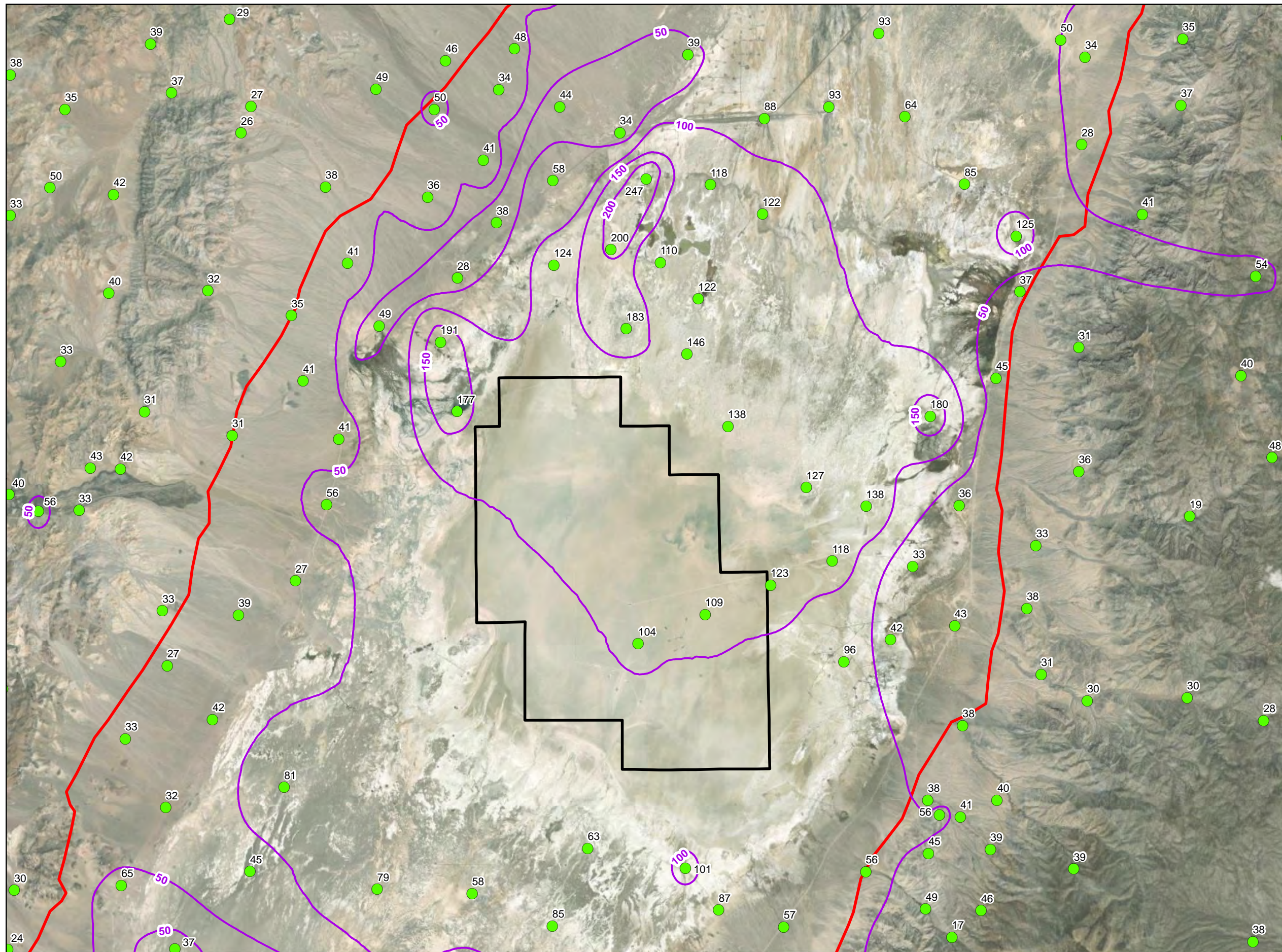


**Figure 3-1**  
**Oil and Gas Wells Near the**  
**Withdrawal Application Area**  
*Mineral Potential Report*  
*Railroad Valley, Nye County, Nevada*



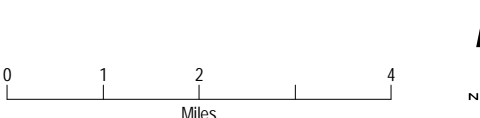
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- LEGEND**
- NURE Sediment Sample Lithium Concentration
  - Lithium Isoconcentration Contour (50 ppm interval)
  - Railroad Valley Boundary
  - RRV - Withdrawal Application Area

**Notes:**  
 NURE Data Source: U.S. Geological Survey, 2004, National Uranium Resource Evaluation (NURE) Hydrogeochemical and Stream Sediment Reconnaissance data  
<https://mrdata.usgs.gov/nure/sediment/>  
 ppm = parts per million  
 RRV = Railroad Valley



**Figure 3-2**  
**Lithium in Sediment Occurrence and Contour Map**  
 Mineral Potential Report  
 Railroad Valley, Nye County, Nevada



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## 4. Potential for the Occurrence of Mineral Resources

The Mineral Potential Classification System defined in BLM Manual 3031 (BLM, 1985) is used to qualify the level of potential and level of certainty for mineral resources to be present within an area of study. As used in this classification, "potential" refers to potential for the presence (occurrence) of a concentration of one or more energy and/or mineral resources. It does not refer to or imply potential for development and/or extraction of the mineral resources. It does not imply that the potential concentration is or may be economic, that is, could be extracted at a profit (BLM, 1985). The Mineral Potential Classification System is described as follows:

### Level of Potential

- O. The geologic environment, the inferred geologic processes, and the lack of mineral occurrences do not indicate potential for accumulation of mineral resources.
- L. The geologic environment and the inferred geologic processes indicate low potential for accumulation of mineral resources.
- M. The geologic environment, the inferred geologic processes, and the reported mineral occurrences or valid geochemical/geophysical anomaly indicate moderate potential for accumulation of mineral resources.
- H. The geologic environment, the inferred geologic processes, the reported mineral occurrences and/or valid geochemical/geophysical anomaly, and the known mines or deposits indicate high potential for accumulation of mineral resources. The "known mines and deposits" do not have to be within the area that is being classified, but have to be within the same type of geologic environment.
- ND. Mineral(s) potential not determined due to lack of useful data. This notation does not require a level-of-certainty qualifier.

### Level of Certainty

- A. The available data are insufficient and/or cannot be considered as direct or indirect evidence to support or refute the possible existence of mineral resources within the respective area.
- B. The available data provide indirect evidence to support or refute the possible existence of mineral resources.
- C. The available data provide direct evidence but are quantitatively minimal to support or refute the possible existence of mineral resources.
- D. The available data provide abundant direct and indirect evidence to support or refute the possible existence of mineral resources.

The following discussion provides a mineral potential classification for the specific mineral commodities required by the BLM MPR outline and other specific mineral commodities that have been determined to have more than a low potential for occurrence in the WAA. Table 4-1 summarizes the commodities with a mineral potential classification of moderate to high within the WAA.

**Table 4-1. Mineral and Energy Resources within the Withdrawal Application Area that have a Moderate to High Mineral Potential Classification**

Mineral Resource	Deposit Type	Recorded Production	Resource Potential	Certainty Level	Comments
Oil and Gas	Sedimentary/ volcanic	54,105,752 barrels through 2020 <sup>a, b</sup>	High	D	
Oil Shale/ Natural Gas	Sedimentary	~202 million cubic feet from 1992 through 2020 <sup>c</sup>	High	C	For the portion of Railroad Valley that is underlain by the Chainman Formation. All natural gas currently produced is from five wells that operate in the Kate Springs Field
Oil Shale/ Natural Gas	Sedimentary	N/A	Moderate	B	Western portion of Railroad Valley.
Geothermal	Sedimentary/ volcanic	N/A	High	C	Within 2 miles of springs that line the eastern and western edges of Railroad Valley.
Geothermal	Sedimentary/ volcanic	N/A	Moderate	C	Within the majority of the WAA, and at least 2 miles from any surface springs.
Potassium	Soil/sediment	N/A <sup>d</sup>	Moderate	C	
Potassium	Brine	N/A	High	C	Within areas of WAA interpreted to host brine deposits. No recorded production to date.
Sodium	Soil/sediment	N/A <sup>d</sup>	High	D	
Sodium	Brine	N/A	High	D	Within areas of WAA interpreted to host brine deposits. No recorded production to date.
Tungsten	Soil/sediment	N/A	Moderate	B	No recorded production to date.
Tungsten	Brine	N/A	High	C	Within areas of WAA interpreted to host brine deposits. No recorded production to date.
Magnesium	Soil/sediment/rock	N/A	High	D	No recorded production to date.
Magnesium	Brine	N/A	Moderate	B	Within areas of WAA interpreted to host brine deposits. No recorded production to date.
Barium	Brine	N/A	Moderate	B	Within areas of WAA interpreted to host brine deposits. No recorded production to date.
Lithium	Soil/sediment	N/A	High	D	No recorded production to date.
Lithium	Brine	N/A	High	D	Within areas of WAA interpreted to host brine deposits. No recorded production to date.



Mineral Resource	Deposit Type	Recorded Production	Resource Potential	Certainty Level	Comments
Boron	Soil/sediment	N/A	High	C	No recorded production to date.
Boron	Brine	N/A	High	D	Within areas of WAA interpreted to host brine deposits. No recorded production to date.
Phosphate	Soil/sediment	N/A	Moderate	C	No recorded production to date.
Phosphate	Brine	N/A	High	C	Within areas of WAA interpreted to host brine deposits. No recorded production to date.

<sup>a</sup> Muntean et al. 2021

<sup>b</sup> barrels of oil

<sup>c</sup> Obtained from annual Mineral Industry Reports published by the NBMG 1992-2020

<sup>d</sup> Surface "salts" from the north side of the marsh were scraped into piles in the 1880s for use as a chlorinating agent in the silver mills of Tybo, but production volumes were not reported.

## 4.1 Interpreted Potential Brine Boundaries

Relevant to the discussion and interpreted mineral resource potential for many of the minerals identified in this section is the location of a potential brine deposit in Railroad Valley. Publicly available information suggests that a "super brine" underlies parts of Railroad Valley and the WAA. Maps that illustrate the interpreted boundaries of the brine complex have not been made public. Geophysical data produced by the USGS document a number of gravity and magnetic anomalies in Railroad Valley, both north and south of the WAA. Both Isostatic Gravity (Figure 2-3) and Complete Bouguer Anomaly maps (Figure 2-4) indicate that the WAA is located along a local gravity "high" or a saddle located between two significant gravity lows. Faulds and others (2017) reviewed and interpreted gravity data from a large area within Nevada and found that "broad saddles between gravity lows, can be correlated with fault step overs, terminations, intersections, and accommodation zones." In Railroad Valley, the gravity lows represent deep basins (grabens) that have been filled with low-density sedimentary rocks that express correspondingly lower gravity values.

In reviewing geomagnetic data for Railroad Valley, Gibson correlated the strongest positive magnetic anomalies to basalt and andesite flows and identified segmented grabens as being expressed as "chains of sub-circular to oval gravity lows separated by high saddles. When the linear features defined from magnetics were compared to gravity maps, it was found that many of them corresponded with the gravity high saddles that segment the grabens" (Gibson, n.d.). Because brines are denser than freshwater, they tend to sink below freshwater and accumulate in the lowest part of the water column, above confining layers, and subject to rock/sediment permeability. Within Railroad Valley, the deep basins that express low gravity values are interpreted to represent a suitable geologic environment for the accumulation of brine deposits.

For this MPR, the Isostatic Gravity and Complete Bouguer Anomaly data were combined with the interpreted boundaries of Railroad Valley, observations of Gaylord (1967), and interpretations reported by Ameriwest Lithium (2021) to define a boundary for the potential brine deposit. As shown on the figures that illustrate the interpreted brine location (Figures 4-4 through 4-7), the boundary coincides roughly with the -10 milligal Isostatic Gravity contour, meaning that areas with less than -9 milligal Isostatic Gravity values are considered to represent host rocks that would host brine deposits, while areas with more than -10 milligal Isostatic Gravity values are considered to represent host rocks that would not host brine

deposits. For comparison, the “3PL Brine Pool” boundary provided by Loomis and others (2021) is also illustrated on Figures 4-4 through 4.7.

## 4.2 Leasable Minerals and Resources

### 4.2.1 Coal

According to NBMG, no viable commercial deposits of coal have been found in Nevada (NBMG, n.d.b). The known coal deposits are small and low grade and are generally associated with Tertiary lakebed deposits. Garside and others (1980) found that Nevada has only minor, low-quality coal resources that are too small or too difficult to mine. The Lewis Mine was operated in Coal Valley in Lyons County in the early 1900s but ceased production by 1920. Coal is not currently mined or leased within, or proximal to, the WAA based on a review of NBMG and BLM data.

The mineral potential classification for coal in the WAA and surrounding area is L/D because of the unfavorable geologic environment for the formation of economic coal deposits.

### 4.2.2 Oil and Gas

Oil and gas activities have been ongoing in Railroad Valley for almost 70 years. Although production volumes are not large and have experienced a steady decline since around 2000, oil and gas resources are present beneath Railroad Valley proximal to the WAA. Numerous oil and gas leases are held within the WAA and surrounding lands. As noted by Jerry Walker, a geologist who has been working in Railroad Valley since 1986, drilling for oil in Nevada is high risk and the success rate for wells is very low, mainly because the traps are of small areal extent and are “hard to hit,” but the rocks are very permeable and yield very high production rates (Walker, pers. comm., 2022). Anna and others (2005) reported six complications that “plagued early exploration efforts in the province, many of which persist today.” These include numerous depositional/erosional cycles which lead to difficult-to-predict stratigraphy, complex tectonic history, remoteness and a lack of pipelines to transport the product. NBMG (n.d. b) reports that 145 dry wells were drilled in Nevada after the discovery of the first commercial oil field in Nevada, Eagle Springs, and before the discovery of the Trap Spring field, the second commercial oil field in Nevada. Grant Canyon, Nevada’s most prolific oil field, was discovered in 1983, and for a time the Grant Canyon No. 3 well was the “most prolific onshore oil well in the continental U.S., flowing up to 4,300 barrels of oil per day (NBMG, n.d.b).

The mineral potential for oil in the WAA and surrounding area is high because of the documented and favorable geologic environment for the formation of oil resources. The mineral potential classification is H/D in the vicinity of the known fields and is H/C for the remainder of Railroad Valley (Figure 4-1).

Based on a conversation with Jerry Walker (Walker, pers. comm., 2022), there is potential for oil shale/natural gas resources to be present in Railroad Valley. In particular, the deepest parts of the valley, on the east side of Railroad Valley, are underlain by the Chainman Formation, a Mississippian-age deposit with known potential for hydrocarbon production (Anna et al., 2005). Based on his drilling experience in Railroad Valley, up to 600 feet of this formation have been intersected in eastern Railroad Valley, and the rocks represent a potential source for not only petroleum deposits already extracted in the valley, but also a direct source of natural gas resources (Walker, pers. comm., 2022). Walker noted that this resource has not been tested to date in Nevada. Drops of live oil in cephalopods collected from the Chainman Formation approximately 30 miles northwest of the Eagle Springs Field have been credited as the reason oil exploration started in Railroad Valley (Bortz, 2016). Interestingly, all five active wells in the Kate Springs Field also produced natural gas in 2020 from the Tertiary Horse Camp Formation and the Devonian Guilmette Formation, at depths of 4,450 to 4,820 feet bgs. None of the other wells that produce

from the Devonian Guilmette Formation, or from similar depths in Railroad Valley, produce natural gas, and even deeper wells completed about two miles to the north in the Eagle Springs Field do not produce natural gas, a testament to the complicated underlying geology.

Accordingly, the mineral potential for oil shale/natural gas resources in the eastern part of Railroad Valley is high because of the known presence of the Chainman Formation and a favorable geologic environment for the formation of these resources. The presence of a shale unit in the center of the play and on the western side of the valley is documented in a few well logs from this area, but it is not consistent in all wells, likely a function of the complicated structural history of the area. In drawing a line between high and moderate potential, the estimated extent of the Chainman Formation from Anna and others (2005) was used as the boundary.

For oil shale/natural gas resources, the mineral potential classification is H/C along the eastern edge of Railroad Valley and where the Chainman Formation is interpreted to be present (after Anna et al., 2005) and is M/B for the western portion of Railroad Valley (Figure 4-2).

### 4.2.3 Geothermal

According to Williams and Sass (2006), indications of an active hydrothermal system are found near Bacon Flat and Grant Canyon, less than 2 miles east of the WAA. Temperature data gathered in the Bacon Flat-Grant Canyon area suggests high heat flow from this area to the western end of Railroad Valley and that hot water flows through underlying carbonate rocks and along shales, volcanic rocks, and granites and cool water flows through the valley fill (Hulen et al., 1994; Williams and Sass, 2006). A series of springs along the eastern and western boundaries of Railroad Valley support this interpretation and the presence of geothermal resources in these areas. No springs are present within the WAA; in fact, Sans Spring Field was named to reflect the observation that this oil field is not associated with springs, unlike most others in Railroad Valley.

No leases are currently filed or authorized for use of geothermal resources in Railroad Valley, likely a reflection of the limited investigation for geothermal resources in Railroad Valley as well as the lack of local electrical infrastructure and general remoteness of the site, which would significantly limit development. While the Energy Act of 2020 allowed for issuance of non-competitive geothermal leases over existing oil and gas wells for co-production of geothermal fluids and electricity generation, no such lease has been issued in the WAA.

For areas within 2 miles of the springs that line the eastern and western boundaries of Railroad Valley, the mineral potential classification for geothermal resources is H/C. For areas near the center of Railroad Valley and at least 2 miles from surface springs, the mineral potential classification for geothermal resources is M/C (Figure 4-3).

### 4.2.4 Phosphate

Data provided by 3PL Operating Inc. document concentrations in brine of phosphate up to 778 mg/L (Loomis et al., 2021) and also report large deposits of solid-salts in the subsurface that may also contain phosphate while noting that these estimates are inferred because these resources have not yet been "directly sampled from cores." Loomis and others (2021) also report measured resources of phosphoric acid in brines sampled in Railroad Valley.

For phosphate-in-sediment deposits, the mineral potential classification is M/C in the WAA and surrounding areas. For phosphate-in-brine deposits, the mineral potential classification is H/C in the WAA

and surrounding areas of Railroad Valley defined by the geophysical data as hosting a brine deposit (refer to Section 4.1), and L/B outside this area (Figure 4-4).

### 4.2.5 Potassium

Potash is a trade name for potassium-bearing minerals used for fertilizer. Potash is typically mined from large evaporite deposits either by mechanical extraction and processing or solution mining. These types of evaporite-hosted potash deposits are the largest source of salts that contain potassium in water-soluble form, including sylvite, carnallite, and kainite (Orris et al., 2014). Of these minerals, sylvite, or potassium chloride, contains the highest concentrations of potassium. Potassium has the potential to be present in sediment deposits as well as in brine deposits. No active production or mining of salt or potash currently occurs in Nye County (Muntean et al., 2021).

Potash was one of the first exploration targets in Railroad Valley. An extensive sampling program completed in Railroad Valley identified as much as 12 percent potash ( $K_2O$ ) in the soluble portion of surface efflorescences (Phalen, 1919). The Railroad Valley Saline Company completed an eight-hole drilling program between 1912 and 1914 in search of potash deposits. This company anticipated finding potash deposits in relatively shallow deposits but “no commercial amounts of  $K_2O$  were found nor any values approaching the content of the surface efflorescence” (Gaylord, 1965).

The interpreted geologic environment and the inferred geologic processes, combined with the known occurrence of up to 2,000 feet of evaporite deposits in Railroad Valley, indicate a moderate to high potential for the accumulation of potassium within the WAA. However, a drilling program completed more than 100 years ago did not identify commercial quantities of potassium-bearing minerals in the upper 1,000+ feet of sediments.

For potassium in sediments, the mineral potential classification is M/C in the WAA and surrounding areas of Railroad Valley.

Publicly available information about the geochemistry and the boundary of subsurface waters/brines in Railroad Valley is limited. Considering the known presence of thick sequences of evaporites, the solubility of potassium salts, the presence of solution-enhancing thermal waters, and the reported presence of a “super brine” in Railroad Valley, the potential for potassium in brines is high.

For potassium in brines, the mineral potential classification is H/C in the areas of the WAA that are likely to host brine deposits (refer to Section 4.1) and L/B outside this area (Figure 4-4).

### 4.2.6 Sodium

Sodium is a major component of evaporite deposits, including gaylussite. As described previously, previous exploration activities for potash and more recent activities for oil and gas completed in Railroad Valley have documented the presence of thick deposits of gaylussite. Like potassium, sodium has the potential to be present in sediment and brine deposits.

In 1996, The Standard Slag Company completed a seven-hole drilling program in Railroad Valley, including six holes located within the current boundaries of the WAA (Gaylord, 1967). This drilling program intersected thick sequences of high-purity gaylussite, a mineral rich in sodium, documenting more than 220 feet of gaylussite deposits in the upper 1,400 feet, with an average concentration of 17.3 percent sodium carbonate. Gaylord (1967) estimated the sodium carbonate ore reserves in their area of exploration to be almost 2 million tons.

Although no active production or mining of salt or sodium occurs in Nye County (Muntean et al., 2021), the interpreted geologic environment and the inferred geologic processes in Railroad Valley, combined with the known occurrence of several hundred feet of gaylussite in the upper 1,400 feet of valley deposits, indicate a high potential for the accumulation of sodium within the WAA. This is further supported by data provided by 3PL Operating Inc., which documents high sodium concentrations in brines, and geological interpretations provided by 3PL Operating Inc. that suggest the presence of “massive soil-salt deposits beneath the 3PL mining claims.”

For sodium in sediments, the mineral potential classification is H/D in the WAA and surrounding areas of Railroad Valley.

Publicly available information about the geochemistry of subsurface waters/brines in Railroad Valley is limited. Considering the known presence of thick sequences of evaporites, the known presence of sodium-rich minerals, the solubility of sodium salts, the presence of solution-enhancing thermal waters, and the reported presence of a “super brine” in Railroad Valley, the potential for sodium in brines is high.

For sodium in brines, the mineral potential classification is H/D in the areas of the WAA that are likely to host brine deposits (refer to Section 4.1) and L/B outside this area (Figure 4-5).

## 4.3 Locatable Metallic Minerals

Most of the metals discussed in this section have the potential to occur in both ore form (hard mineral or concentrated in sediments/soils) and in solution in geothermal fluids. Where relevant, the potential is described accordingly. The Nevada Mineral Explorer (NDOM, 2022) does not list any historical production of any metallic minerals within 5 miles of the WAA.

### 4.3.1 Gold and Silver

Although gold occurs as a native metal, it is also commonly alloyed with silver and/or other metals, and is commonly associated with the sulfides of antimony, arsenic, copper, iron, and silver. Gold and silver have the potential to occur in solution in geothermal fluids. Silver has the potential to occur in both ore form (epithermal deposits) and in solution in geothermal fluids. Silver is commonly found alloyed with gold. Silver ores are typically found in association with other ores, including copper, copper-nickel, lead, and lead-zinc. These types of ores are not known to occur in the WAA.

Epithermal gold-silver deposits can be found in a wide range of tectonic settings, ranging from extensional to transtensional, transpressional, and compressional. These deposits are vein, stockwork, disseminated, and replacement deposits that formed in the upper crust from the paleosurface to depths of approximately 1,500 meters below the water table and at temperatures that ranged from approximately 100 to 300°C (John et al., 2018). Even though all gold production reported in the vicinity of the WAA is associated with epithermal deposits, these types of deposits are not known to occur in the WAA.

Placer deposits comprise deposits of sand, gravel, and other detrital or residual material containing a valuable mineral that has accumulated through weathering and mechanical concentration (Yeend and Shawe, 1989). In 1979 it was estimated that placer gold deposits accounted for more than two-thirds of the total world gold supply. Placer gold deposits are not known to occur in or near the WAA.

Mihalasky (2001) compiled information on 2,690 gold-silver-bearing occurrences in the Nevada Great Basin and generated mineral potential maps designed to predict the distribution of gold-silver-bearing occurrences. The study used structural, geochemical, geomagnetic, gravimetric, lithologic, and lithotectonic-related deposit-indicator factors to create a sedimentary rock-hosted occurrence-type

posterior probability map and a volcanic rock-hosted occurrence-type posterior probability map. The WAA is located in the lowest posterior probability zone, which signifies very low mineral potential for gold and silver in the WAA. Higher posterior probabilities (low to moderate for sediment-hosted and high to very high for volcanic-hosted deposits) are shown on these maps for portions of the Grant Range to the east and the Pancake Range to the west, but these areas are outside the boundaries of Railroad Valley (Mihalasky, 2001). This is corroborated by the presence of gold and silver in the Troy Mining District to the east and silver in the Silverton Mining District to the west. However, the reported production volumes of gold and silver from these districts are small and they are unlikely to represent significant sources of placer gold in Railroad Valley.

Gold and silver ores are typically found in association with other ores, including copper, copper-nickel, lead, and lead-zinc. These types of ores are not known to occur in the WAA. Neupane and Wendt (2017) documented low concentrations of gold and silver in geothermal brines across the Basin and Range District but not specifically at Railroad Valley.

For gold and silver ore deposits (both sediment-hosted and volcanic-hosted), the mineral potential classification is L/C in the WAA and surrounding areas of Railroad Valley.

For gold-in-brine and silver-in-brine deposits, the mineral potential classification is L/C in the areas of the WAA that are likely to host brine deposits (refer to Section 4.1) and L/B outside this area (Figure 4-6).

### 4.3.2 Tungsten

To date, evidence of tungsten deposits in the WAA has not been confirmed in sediments or surface waters. Analysis of soil and surface water samples for tungsten content was not completed as part of NURE-HSSR program. The presence of a former tungsten mine several miles to the east of the WAA indicates that a potential source is nearby, but this deposit was small and closed because of low production rates after 4 years of operation. Skarn deposits that characterize that mine and represent a large percentage of worldwide tungsten deposits are not present in Railroad Valley or the WAA. Brines, such as those at Searles Lake, California, are known to contain high concentrations of tungsten, reportedly derived from the "many tungsten deposits of the Owens River drainage" (Smith, 1979). As described in Section 2.5, Loomis and others (2021) reported tungsten concentrations of up to 17.7 mg/L in brine samples collected in Railroad Valley and provided measured estimates of tungsten trioxide of more than 17 tons in the middle brine zone.

For tungsten ores in the form of minerals, the mineral potential classification is M/B in the WAA and surrounding areas of Railroad Valley.

For tungsten in brine, the mineral potential classification is H/C in the areas of the WAA that are likely to host brine deposits (refer to Section 4.1) and L/B outside this area (Figure 4-4).

### 4.3.3 Uranium and Thorium

Uranium is an essential constituent in approximately 70 different minerals and thorium is an essential constituent in 6 minerals, and these elements are present as trace metals in more than 180 other minerals (Garside, 1973). The primary source of uranium is uraninite, which forms as a primary mineral in granitic and syenitic pegmatites (King, 2022). It can also be found in high-temperature hydrothermal veins associated with sulfide minerals and metallic ore deposits (Golder, 2018), sedimentary rocks, and accumulations (placer deposits). The mineral monazite is the common source of thorium in alkaline igneous rocks, epigenetic veins around alkaline intrusions, carbonatites, and more commonly as placer deposits in sedimentary rocks and deposits (Van Gosen et al., 2009)

Garside (1973) described natural radioactive occurrences in Nevada, noting that occurrences are found in every county but are concentrated in the west-central part of the State. Potential host rocks include Tertiary volcanic rocks, Tertiary sedimentary rocks, pre-Tertiary rocks, placer deposits, spring deposits and groundwater, and unknown rock types. Four deposit types are described: "uranium associated with base and precious metals, radioactive pegmatites and plutonic accessory minerals, uranium minerals without associated metals, and anomalous radioactivity only" (Garside, 1973). Anomalous radioactivity measurements were reported from two mines within the Troy Mining District, the Shoe-Shoe mine and the First Strike prospect. Both of these mines were explored for gold and silver and chip samples returned around 0.2 percent  $eU_3O_8$  (Garside, 1973). However, no uranium production has been reported for these two mines. There has been no reported exploration for, or production of, uranium or thorium within, or in the vicinity of, the WAA.

For uranium and thorium in sediments and rocks, the mineral potential classification is L/C in the WAA and surrounding areas of Railroad Valley. For uranium and thorium in brine, the mineral potential classification is L/C in areas of the WAA that are likely to host brine deposits (refer to Section 4.1) and L/B outside this area (Figure 4-6).

### 4.3.4 Magnesium

Magnesite,  $MgCO_3$ , is primarily found in four types of deposits: (1) sedimentary beds, (2) alterations of serpentine, (3) vein fillings, and (4) replacements of limestone and dolomite. Brucite, a mineral form of magnesium hydroxide, is found in crystalline limestone. Olivine generally occurs as granular masses or disseminated grains and crystals. Evaporites can be found both on the surface and underground, which can contain magnesium (Kramer, 2001). As noted by the USGS, "magnesium can be derived from seawater, natural brines, dolomite, serpentine, and other minerals. The reserves for this metal are sufficient to supply current and future requirements" (USGS, 2022f).

Concentrations of magnesium of 18 to 35 percent have been documented in rocks intersected in Railroad Valley from depths ranging from 3,000 to 11,000+ feet bgs (Gillespie and Blechen 1999). Magnesium concentrations in surface samples were much lower, up to 3 percent but averaging less than 1.5 percent in samples collected during the NURE-HSSR program (USGS, 2004).

For magnesium in sediments and rocks the mineral potential classification is H/D in the WAA and surrounding areas of Railroad Valley.

Magnesium is also a critical mineral that could be present in brines under the WAA. However, publicly available information about the geochemistry of subsurface waters/brines in Railroad Valley is limited. Data from 3PL Operating Inc. document magnesium concentrations of up to 0.3 mg/L in brines collected in Railroad Valley (Loomis et al., 2021). Because of its limited solubility in water, and considering the known presence of high concentrations of magnesium in deposits in Railroad Valley, the potential for magnesium in brines is moderate.

For magnesium in brine, the mineral potential classification is M/B in areas of the WAA that are likely to host brine deposits (refer to Section 4.1) and L/B outside this area (Figure 4-7).

## 4.4 Locatable Industrial Minerals

### 4.4.1 Barium

Barium has the potential to occur in both ore form and in solution in geothermal fluids. In barite, or barium sulfate, its most commonly found mineral, it is insoluble in water. However, barium in geothermal fluids is



typically removed not for its value but because its presence is deleterious to the operation of geothermal systems.

Barium concentrations in surface samples collected in Railroad Valley during the NURE-HSSR program average about 732 ppm, compared to the average concentration of barium in the continental crust of about 628 ppm (Smith et al., 2018; Rudnick and Gao, 2003). Barium concentrations measured from drill cuttings from one oil and gas well completed several miles north of the WAA ranged up to 18,904 normalized ppm (Gillespie and Blechen, 1999) at a depth of 13,000 feet bgs, which coincides with the Chainman Formation, a carbon-rich sedimentary rock with depositional characteristics that favor barium accumulation.

For barite ores, the mineral potential classification is L/B in the WAA and surrounding areas of Railroad Valley.

Three water samples collected from wells and springs in Railroad Valley as part of the NURE-HSSR program contained more than 1,000 ppm barium, including one sample with 4,766 ppm barium (USGS, 2004). Publicly available information about the geochemistry of subsurface waters/brines in Railroad Valley is limited. Because of its low solubility in water, and considering the known presence of barium in some surface water samples collected in Railroad Valley and as a deleterious element in some geothermal brines in the western U.S., the potential for barium in brines is moderate.

For barium in brine, the mineral potential classification is M/B in areas of the WAA that are likely to host brine deposits (refer to Section 4.1) and L/B outside this area (Figure 4-7).

### 4.4.2 Lithium

Lithium may be present in sediments/soils or in solution in geothermal fluids. The presence of lithium in surface and near surface soils and sediments has been well documented in Railroad Valley. Depending on the study referenced, average lithium-in-soil concentrations range from about 100 to 200+ ppm. Based on local geology, geochemistry, geophysical data, and mineralogy, there is evidence to suggest the possible presence of underground lithium-bearing brines, although exploration efforts are ongoing and currently no active mining is occurring.

Lithium-in-sediment concentrations vary across the valley and between studies, but all clearly illustrate the presence of this metal. For sediment-hosted lithium deposits, the mineral potential classification is H/D in the WAA and surrounding areas of Railroad Valley.

For lithium-in-brine deposits, the mineral potential classification is H/D in the WAA and surrounding areas of Railroad Valley defined by the geophysical data (refer to Section 4.1), and L/B outside this area (Figure 4-5).

### 4.4.3 Boron

Boron is an element that has been used by humans for around 2,000 years. Naturally occurring boron is typically in the form of borate, a salt or ester of boric acid (Lyday, 2004). Borate deposits are associated with volcanic activity and arid climates, and the largest borate deposits are located in the Mojave Desert of the U.S., in southern Asia, and South America (USGS 2018b).

Boron production in the U.S. is restricted to California, where it is extracted from mines and brine. Most boron is mined in open-pit mines. Boron is water soluble, so it is also mined from Searles Lake using solution-mining techniques (USGS, 2022e). Boron minerals and chemicals are mainly used in the U.S. by the ceramic and glass industries. In addition, boron is used in cleaning products, insecticides, and insulation; as a component in abrasives; and to produce semiconductors (USGS, 2022f).

At the proposed Rhyolite Ridge project in Clayton Valley, significant deposits of boron have been reported in “a geologically unique lithium-boron deposit that occurs within lacustrine sedimentary rocks” (ioneer, n.d.). At this deposit, significant quantities of boron are found in the boron mineral searlesite. Many geological and depositional similarities exist between the sediment/brine deposits in Railroad Valley and Clayton Valley but the presence of searlesite is not one of them.

The average concentration of boron in the Earth’s crust is about 17 ppm (Rudnick and Gao, 2003). Macarthur Mineral Limited has reportedly identified higher than average concentrations of boron in soils (average 342 ppm in five samples) in the area of its proposed Reynolds Springs Project, approximately 2 miles northwest of the WAA. Macarthur Mineral Limited geologists also documented an average of 445 ppb boron from an unreported number of surface water samples. Geologic interpretation provided by 3PL Operating Inc. suggests large reserves of boric acid in soil/sediment at depths of greater than 900 feet bgs, but analytical data for boron concentrations in these soil/sediment was not provided (Loomis et al., 2021). Loomis and others also documented boron in brine concentrations in Railroad Valley (well LD #1-32) of up to 300 mg/L.

The reported occurrence of boron in sediments and surface waters in the vicinity of the WAA and general similarities between the geologic environment and the inferred geologic processes at the WAA and those at Clayton Valley indicate high potential for boron to be present in the WAA.

For boron-in-sediment deposits, the mineral potential classification is H/C in the WAA and surrounding areas. For boron-in-brine deposits, the mineral potential classification is H/D in the WAA and surrounding areas of Railroad Valley defined by the geophysical data as hosting a brine deposit (refer to Section 4.1), and L/B outside this area (Figure 4-5).

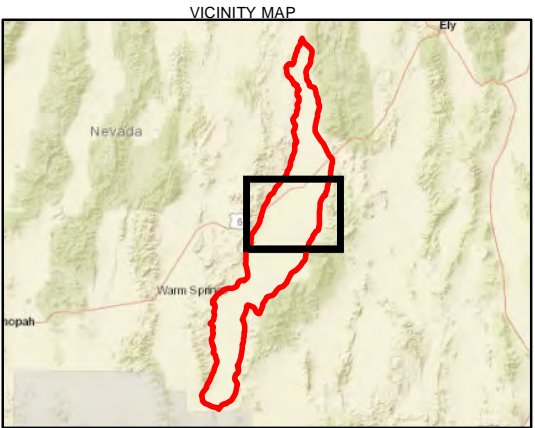
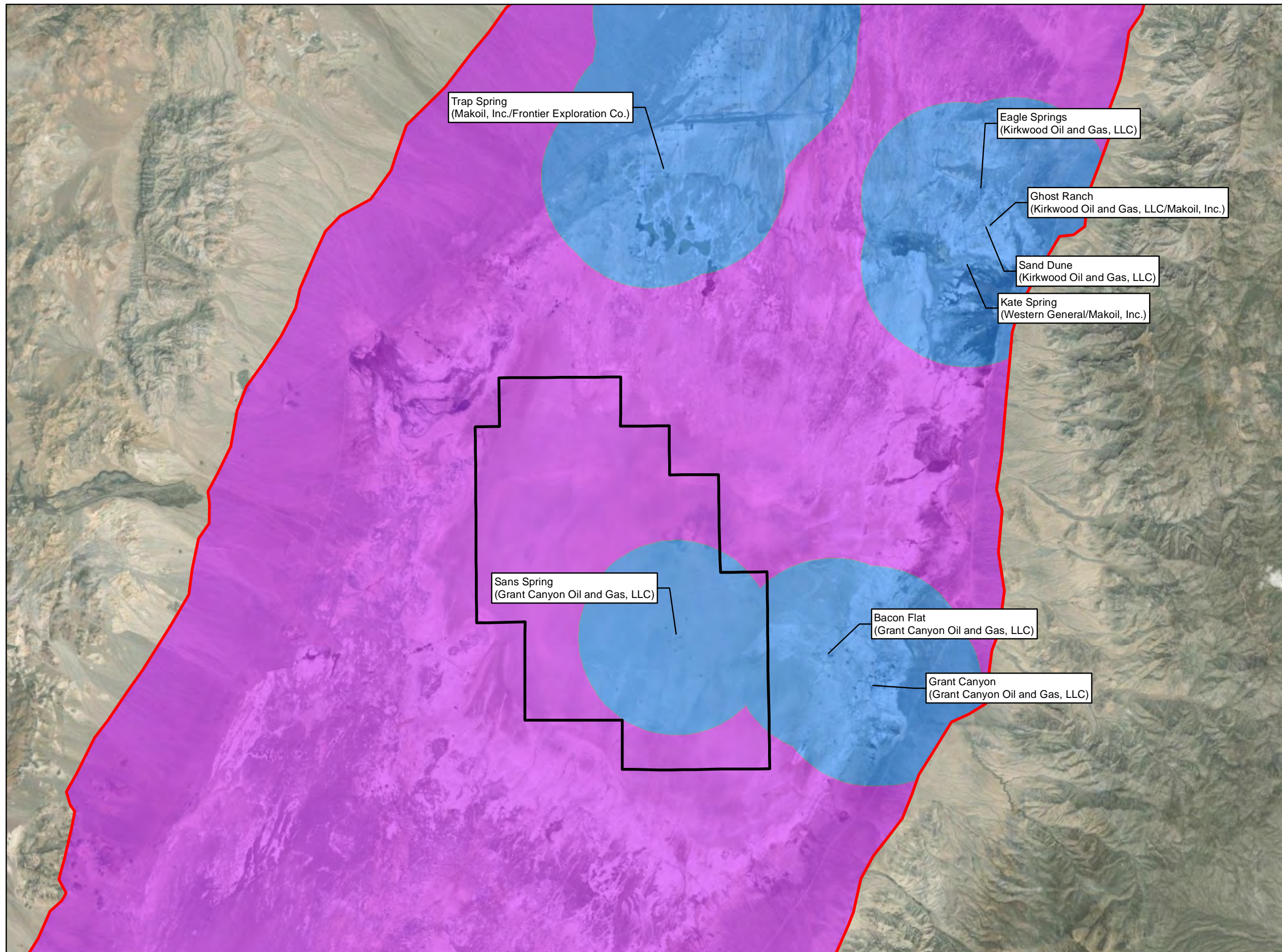
## 4.5 Salable Minerals

The only common variety mineral deposit with potential to occur within the WAA is sand and gravel. Currently three sand and gravel pits are authorized within 5 miles of the WAA, and others are illustrated on USGS topographic maps, but none are located on the floor of Railroad Valley. The pits to the east access alluvial deposits on the flanks of the Grant Range. The pits to the north are established in alluvial deposits on the flanks of the Pancake Range. No sand and gravel pits are located, or have been located, on the WAA.

For sand and gravel, the mineral potential classification is L/C in the WAA and H/D in the surrounding areas of Railroad Valley.

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**LEGEND**

- Railroad Valley Boundary
- RRV - Withdrawal Application Area

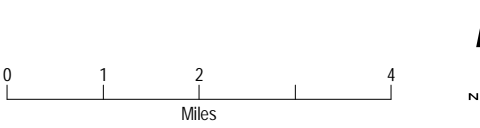
**Mineral Potential Classification**

- H/D
- H/C

Notes:  
 Oil and Gas Fields Source: Nevada Bureau of Mines and Geology webmapper application  
<https://nbmg.maps.arcgis.com/apps/webappviewer/index.html?id=e279fb2d805945b59dea1cf661f5b4e6>

The boundaries of Railroad Valley were estimated based on the topographic contours and labeling on United States Geological Survey 7.5-minute series topographic maps.

RRV = Railroad Valley

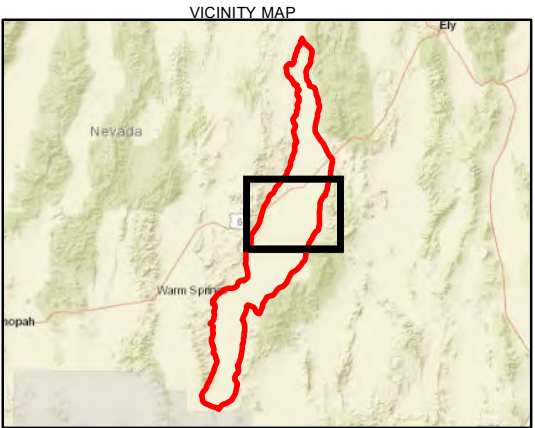
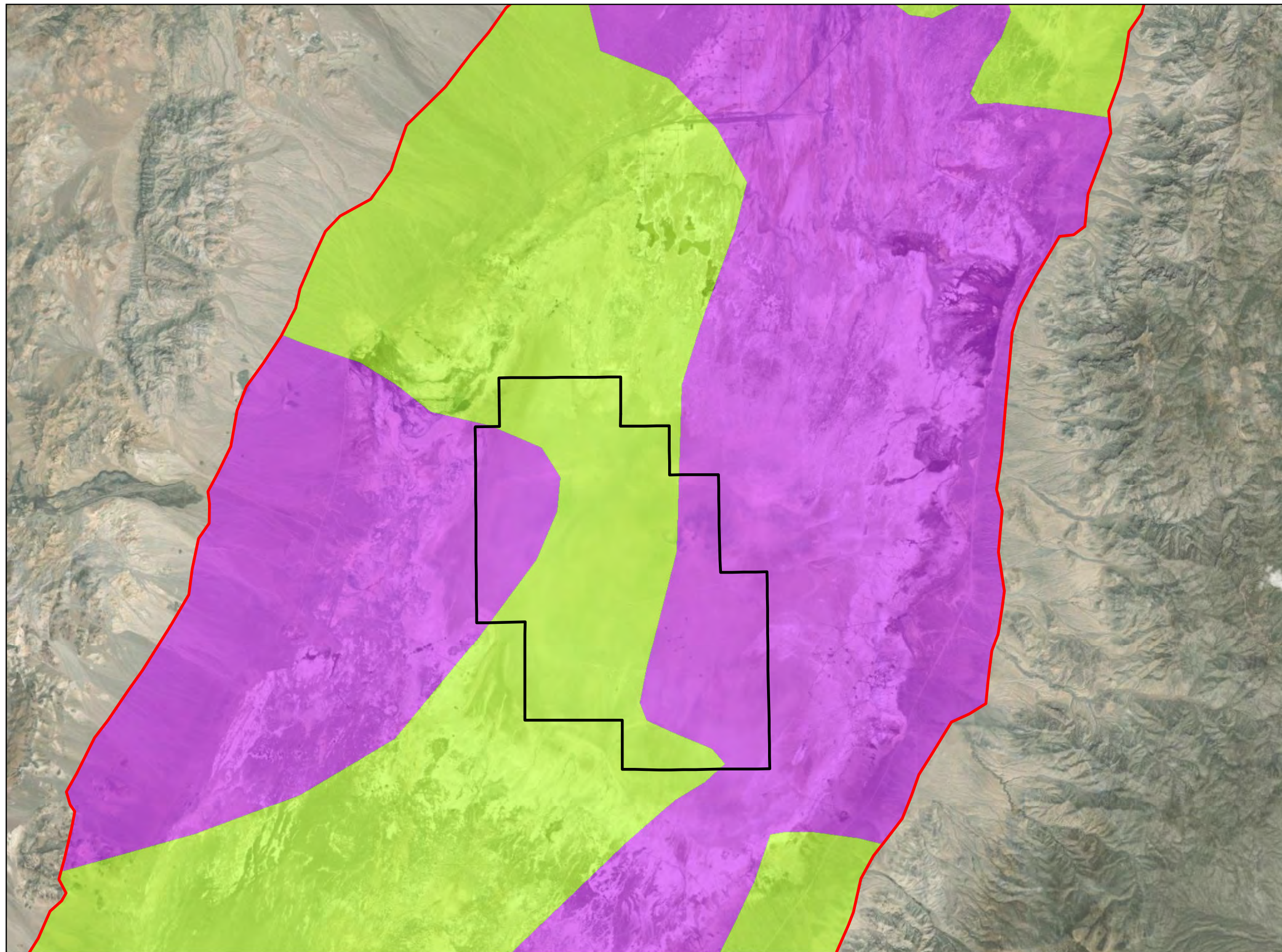


**Figure 4-1**  
**Oil and Gas Resource Potential**  
 Mineral Potential Report  
 Railroad Valley, Nye County, Nevada



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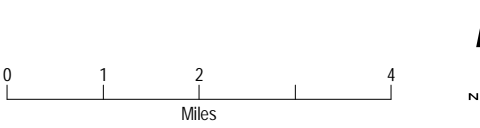


- LEGEND
- Railroad Valley Boundary
  - RRV - Withdrawal Application Area
- Mineral Potential Classification**
- H/C
  - M/B

Notes:  
 The boundaries of Railroad Valley were estimated based on the topographic contours and labeling on United States Geological Survey 7.5-minute series topographic maps.

Areas interpreted to be underlain by the Chainman Formation were considered to have high potential for oil shale and natural gas resources, after Anna, Lawrence O., Roberts, Laura N.R., and Potter, Christopher J., N.R., 2005, Geologic Assessment of Undiscovered Oil and Gas in the Paleozoic-Tertiary Composite Total Petroleum System of the Eastern Great Basin, Nevada, and Utah, in U.S. Geological Survey Eastern Great Basin Province Assessment Team, Geologic Assessment of Undiscovered Oil and Gas Resources of the Eastern Great Basin Province, Nevada, Utah, Idaho, and Arizona: U.S. Geological Survey Digital Data Series DDS-69-L, chap. 2, 50 p.

RRV = Railroad Valley

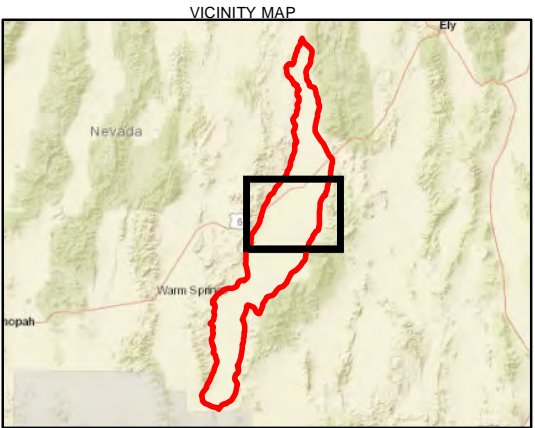
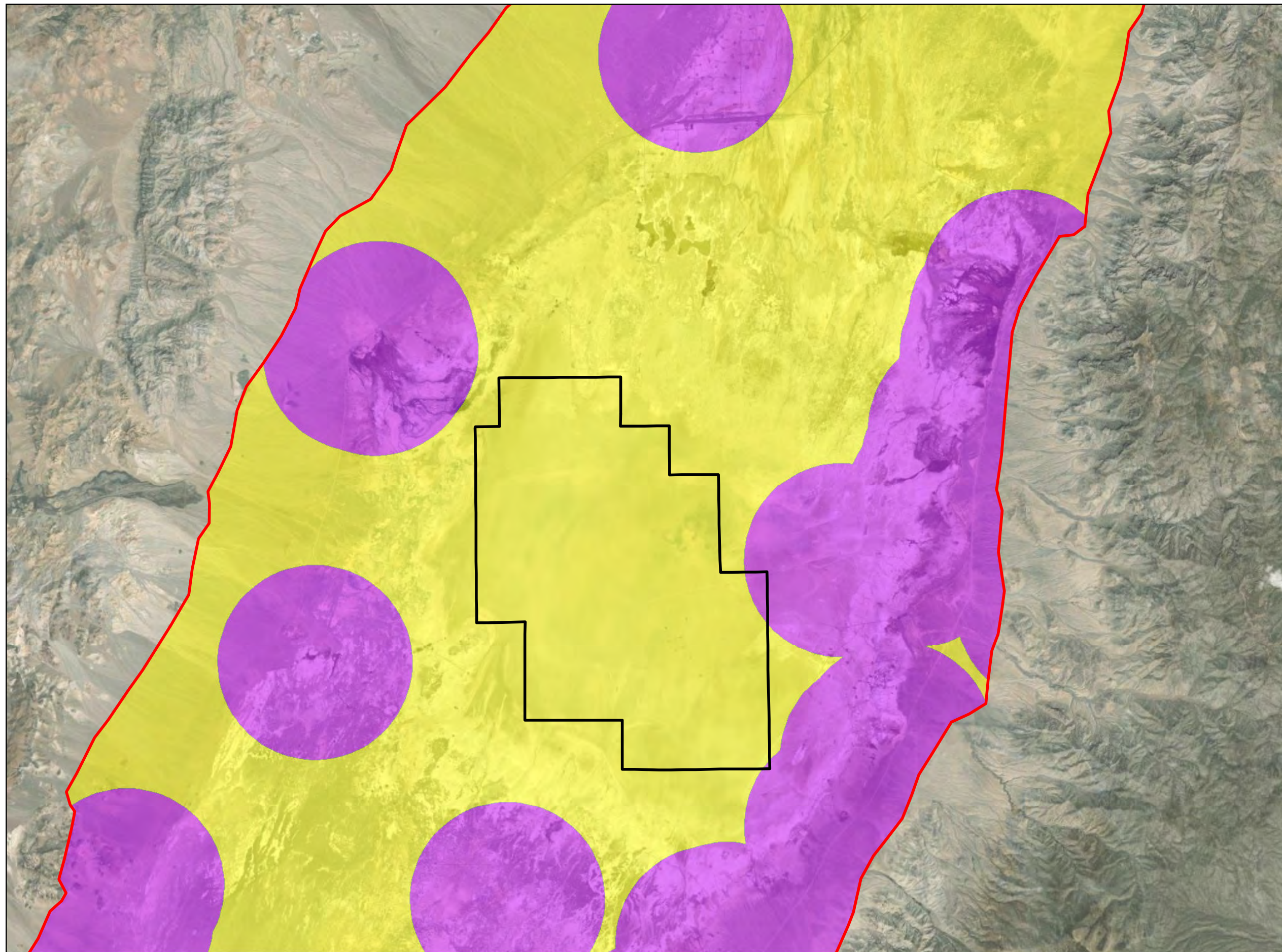


**Figure 4-2**  
**Oil Shale / Natural Gas Potential**  
 Mineral Potential Report  
 Railroad Valley, Nye County, Nevada



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LEGEND

- Railroad Valley Boundary
- RRV - Withdrawal Application Area

**Mineral Potential Classification**

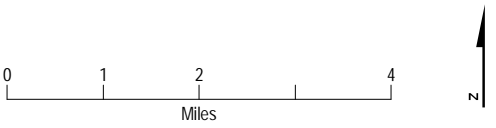
- H/C
- M/C

Notes:  
 The boundaries of Railroad Valley were estimated based on the topographic contours and labeling on United States Geological Survey 7.5-minute series topographic maps.

Spring data source: USDOI, BLM - Nevada State Office, Mapping Sciences  
[https://archive.epa.gov/esd/archive-nerl-esd1/web/html/nvgeo\\_gis10\\_springs\\_md.html#6](https://archive.epa.gov/esd/archive-nerl-esd1/web/html/nvgeo_gis10_springs_md.html#6)

Only named springs near the perimeter of Railroad Valley were considered.

RRV = Railroad Valley

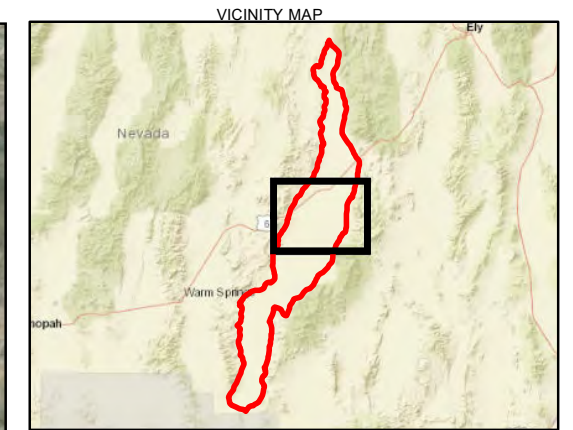
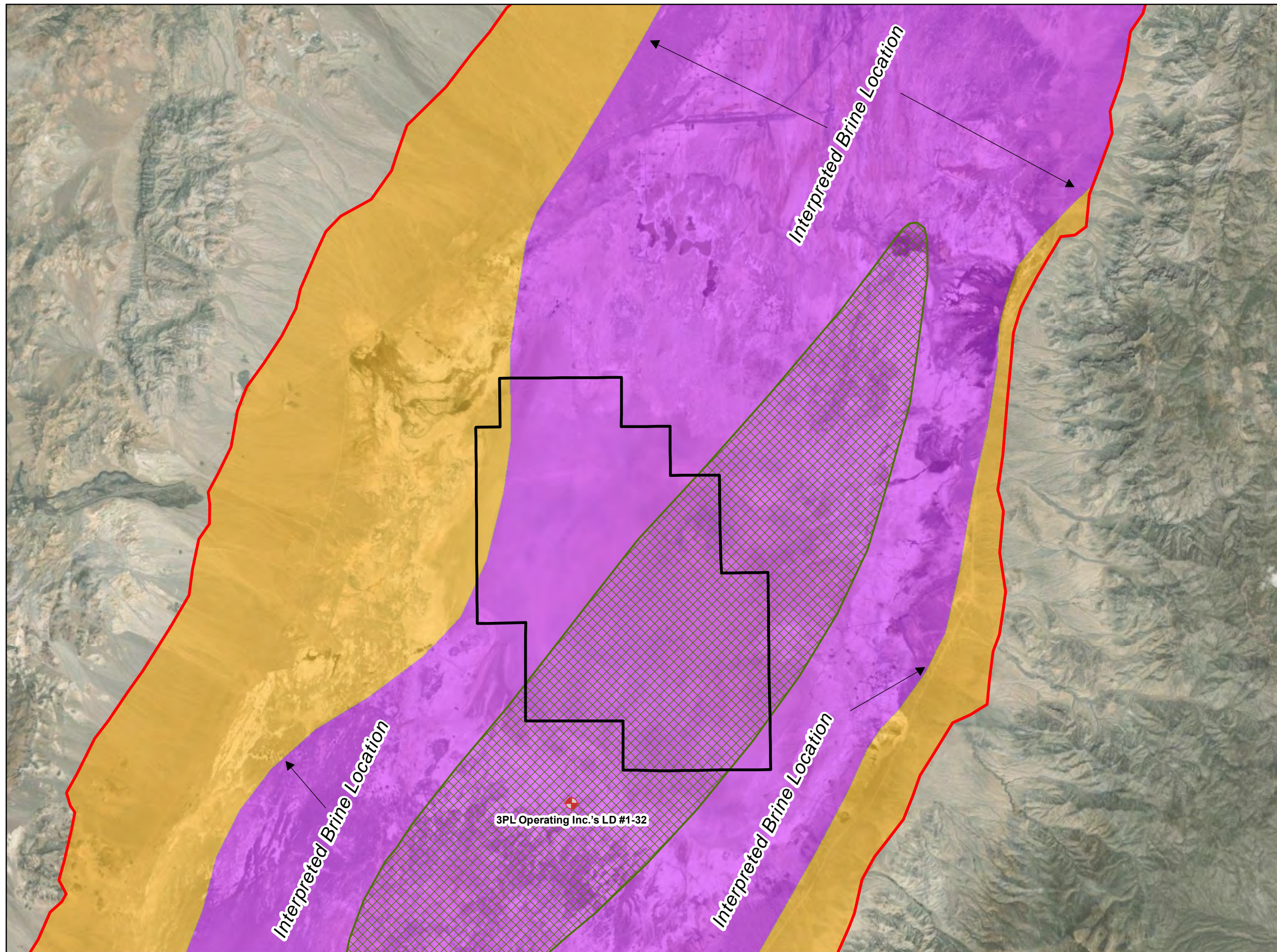


**Figure 4-3**  
**Geothermal Potential**  
 Mineral Potential Report  
 Railroad Valley, Nye County, Nevada



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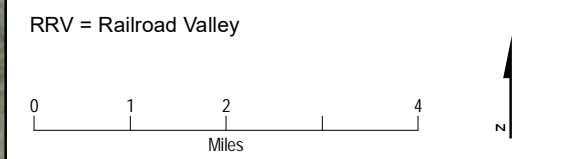


- LEGEND**
- 3PL Operating Inc.'s LD #1-32
  - 3PL Brine Pool (Loomis et al., 2021)
  - Interpreted Brine Location
  - Railroad Valley Boundary
  - RRV - Withdrawal Application Area
- Mineral Potential Classification**
- H/C
  - L/B

**Notes:**  
 For this map, the Isostatic Gravity and Complete Bouguer Anomaly data were combined with the interpreted boundaries of Railroad Valley, observations of Gaylord (1967) and interpretations reported by Ameriwest Lithium (2021) and others to define a boundary for the potential brine deposit. The boundary coincides roughly with the -10 milligal Isostatic Gravity contour, meaning that areas with less than -9 milligal Isostatic Gravity values are considered to represent host rocks that would host brine deposits, while areas with more than -10 milligal Isostatic Gravity values are considered to represent host rocks that would not host brine deposits.

Loomis, Karen, William Osborne, Tim Putnam, James Mellard, and Vincent Ramirez, 2021. Assessment of Mineral Resources on the 3PL Mining Claims, Railroad Valley, Nevada, Executive Summary (Long version). Dated April 23, 2021. Provided by 3PL Operating Inc. 24 pages.

The boundaries of Railroad Valley were estimated based on the topographic contours and labeling on United States Geological Survey 7.5-minute series topographic maps.

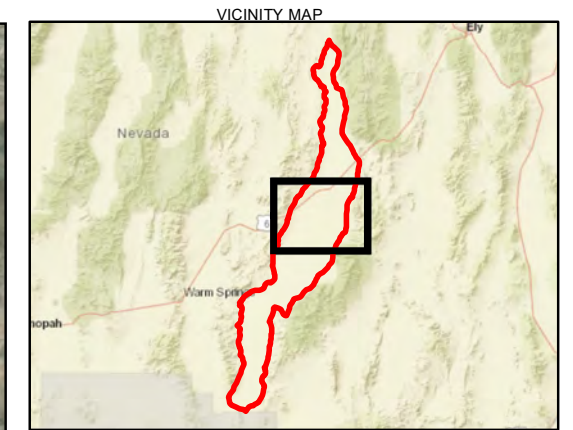
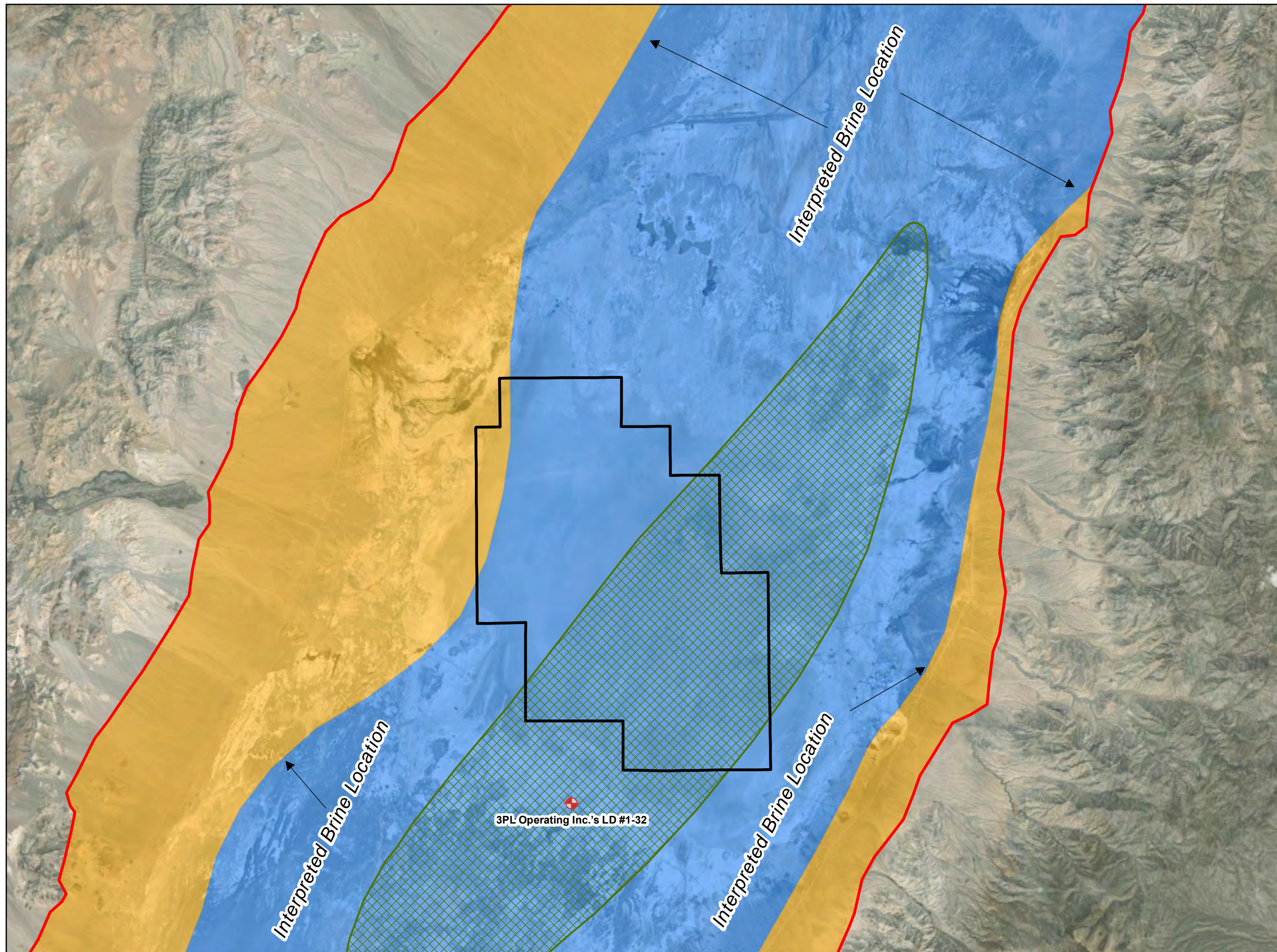


**Figure 4-4**  
**Phosphate, Potassium and Tungsten**  
**in Brine Potential**  
 Mineral Potential Report  
 Railroad Valley, Nye County, Nevada



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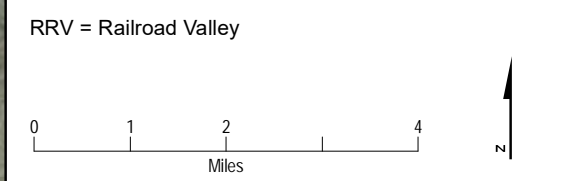


- LEGEND**
- 3PL Operating Inc.'s LD #1-32
  - 3PL Brine Pool (Loomis et al., 2021)
  - Railroad Valley Boundary
  - RRV - Withdrawal Application Area
  - Interpreted Brine Location
- Mineral Potential Classification**
- H/D
  - L/B

**Notes:**  
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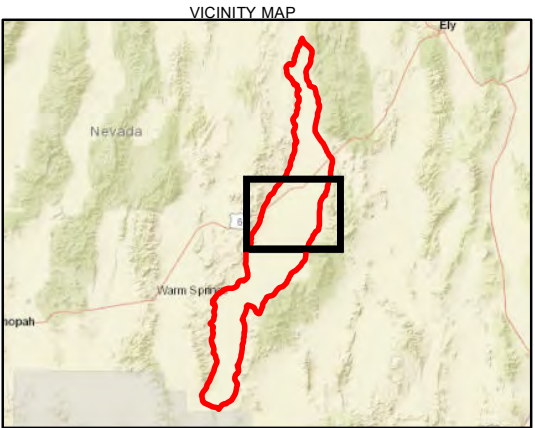
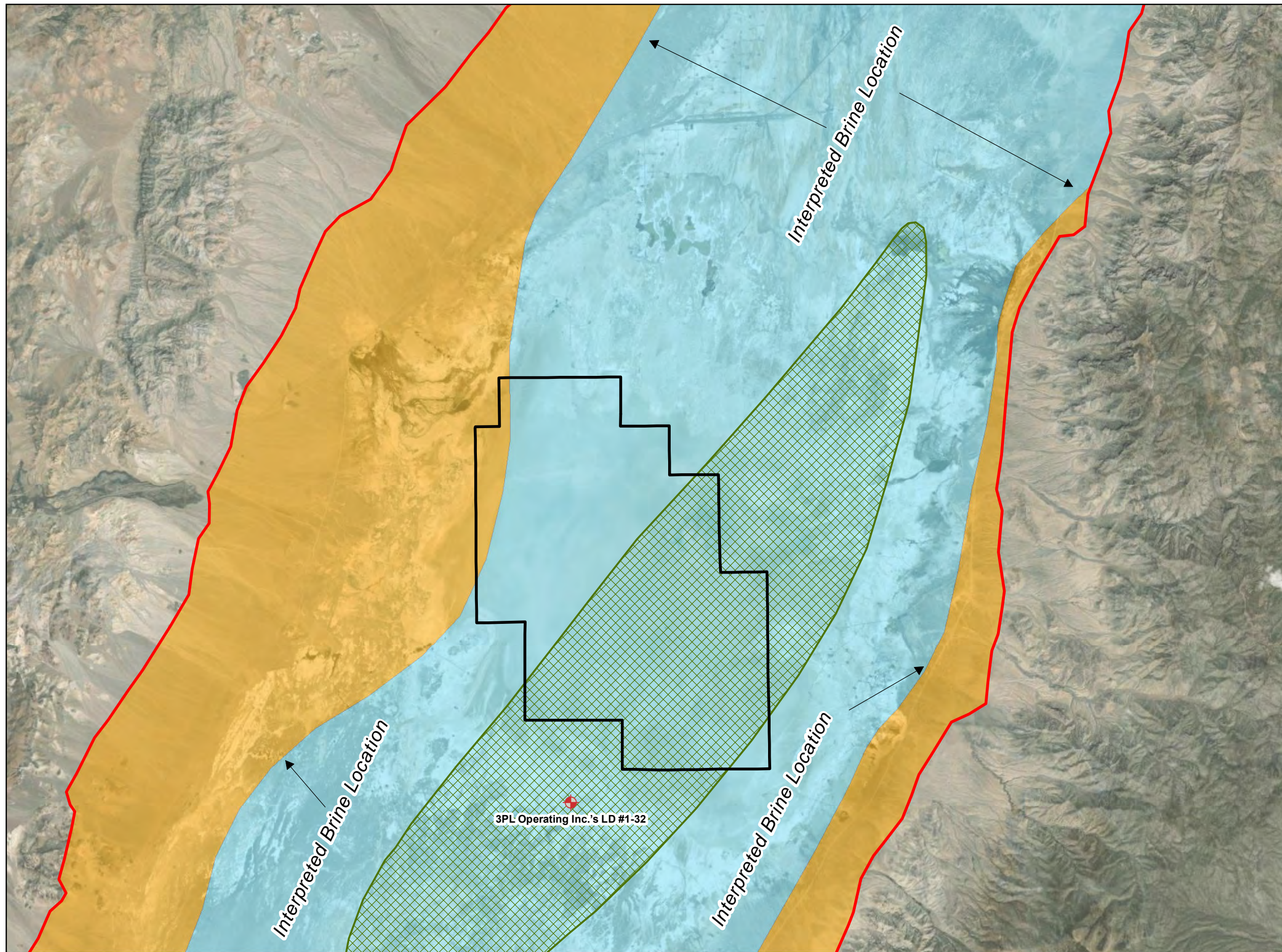


**Figure 4-5**  
**Boron, Lithium, Sodium in Brine Potential**  
 Mineral Potential Report  
 Railroad Valley, Nye County, Nevada



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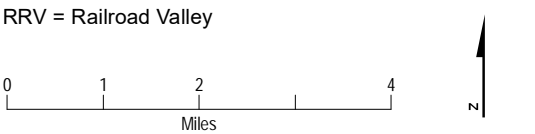


- LEGEND**
- 3PL Operating Inc.'s LD #1-32
  - 3PL Brine Pool (Loomis et al., 2021)
  - Railroad Valley Boundary
  - RRV - Withdrawal Application Area
  - Interpreted Brine Location
- Mineral Potential Classification**
- L/B
  - L/C

**Notes:**  
 For this map, the Isostatic Gravity and Complete Bouguer Anomaly data were combined with the interpreted boundaries of Railroad Valley, observations of Gaylord (1967) and interpretations reported by Ameriwest Lithium (2021) and others to define a boundary for the potential brine deposit. The boundary coincides roughly with the -10 milligal Isostatic Gravity contour, meaning that areas with less than -9 milligal Isostatic Gravity values are considered to represent host rocks that would host brine deposits, while areas with more than -10 milligal Isostatic Gravity values are considered to represent host rocks that would not host brine deposits.

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The boundaries of Railroad Valley were estimated based on the topographic contours and labeling on United States Geological Survey 7.5-minute series topographic maps.

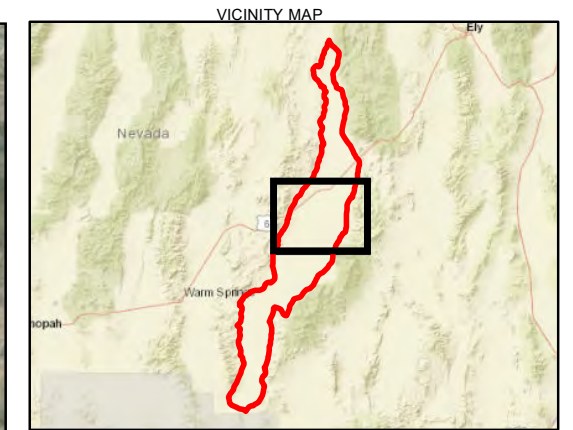
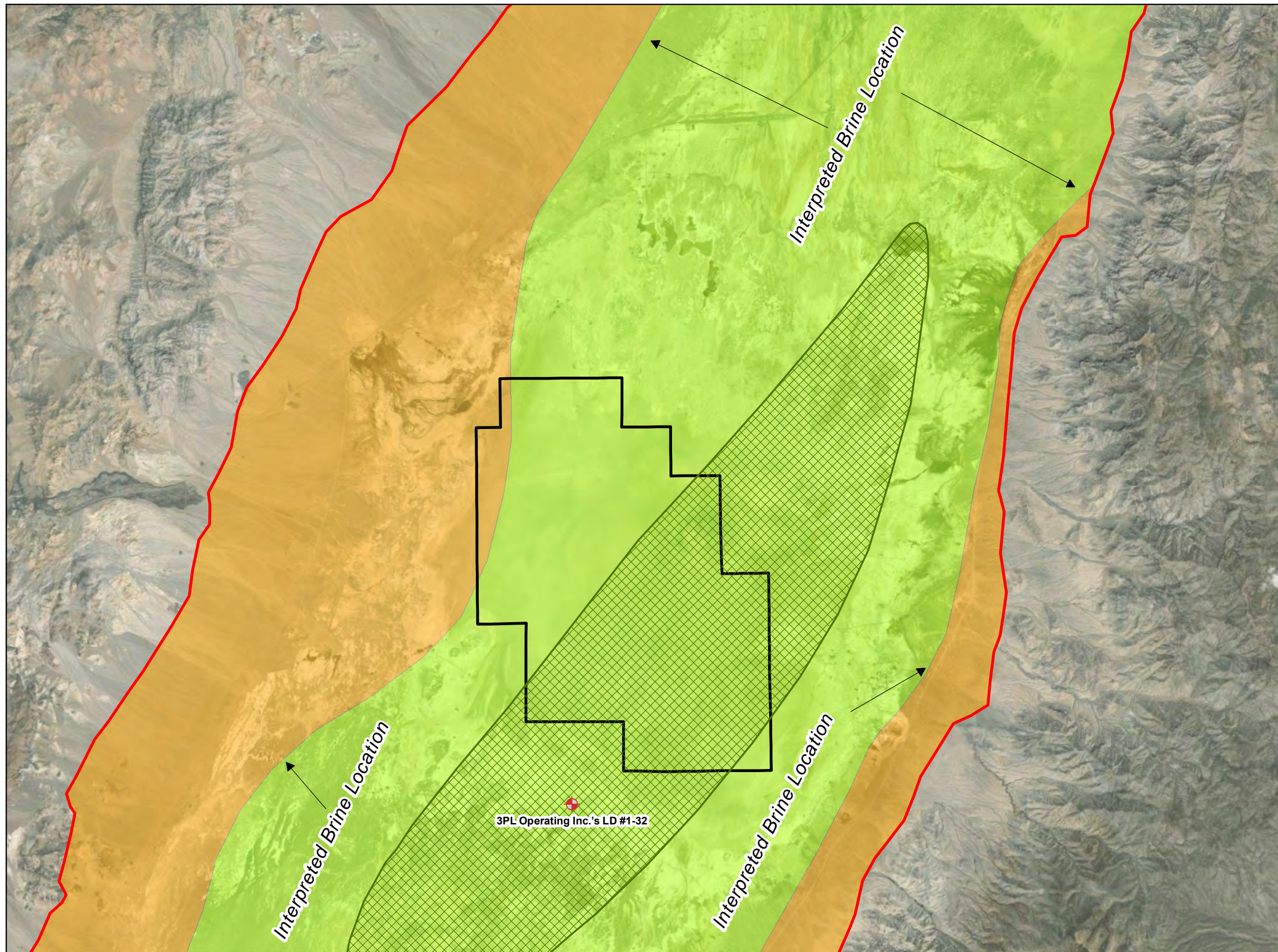


**Figure 4-6**  
**Gold, Silver, Uranium and Thorium in Brine Potential**  
*Mineral Potential Report*  
 Railroad Valley, Nye County, Nevada



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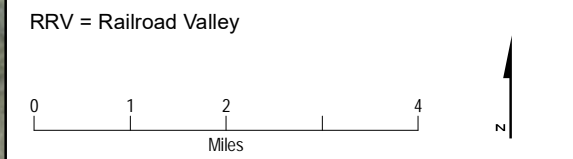


- LEGEND**
- 3PL Operating Inc.'s LD #1-32
  - 3PL Brine Pool (Loomis et al., 2021)
  - Railroad Valley Boundary
  - RRV - Withdrawal Application Area
  - Interpreted Brine Location
- Mineral Potential Classification**
- M/B
  - L/B

**Notes:**  
 For this map, the Isostatic Gravity and Complete Bouguer Anomaly data were combined with the interpreted boundaries of Railroad Valley, observations of Gaylord (1967) and interpretations reported by Ameriwest Lithium (2021) and others to define a boundary for the potential brine deposit. The boundary coincides roughly with the -10 milligal Isostatic Gravity contour, meaning that areas with less than -9 milligal Isostatic Gravity values are considered to represent host rocks that would host brine deposits, while areas with more than -10 milligal Isostatic Gravity values are considered to represent host rocks that would not host brine deposits.

Loomis, Karen, William Osborne, Tim Putnam, James Mellard, and Vincent Ramirez, 2021. Assessment of Mineral Resources on the 3PL Mining Claims, Railroad Valley, Nevada, Executive Summary (Long version). Dated April 23, 2021. Provided by 3PL Operating Inc. 24 pages.

The boundaries of Railroad Valley were estimated based on the topographic contours and labeling on United States Geological Survey 7.5-minute series topographic maps.



**Figure 4-7**  
**Magnesium and Barium in Brine Potential**  
 Mineral Potential Report  
 Railroad Valley, Nye County, Nevada



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## 5. Projected Development Potential or Economic Potential

BLM Manual 3031 states, "Whenever known, the quality, quantity, current, and projected development potential or economic potential should be part of the mineral resource assessment. Although this is not necessary or required for most BLM actions, it is often useful to the decision maker. Assessments of economic potential should not be attempted for actions requiring low levels of detail, or when data are scant" (BLM, 1985).

This MPR identified 11 commodities with a mineral potential classification of moderate to high within the WAA (Table 4-1). Extraction of oil and gas resources is the only activity that has been completed to any significant degree within the WAA. It is also the only activity for which quality and quantity of the resource and the extraction methods are known and the current and projected development potential or economic potential can be estimated. Although sodium reserves have been estimated within, and in the vicinity of, the WAA, the depth to these gaylussite deposits makes surface mining impractical. Solution mining is an option, but it is unlikely to be economically practical because of the presence of sodium deposits that are much more easily and cheaply accessed, and in areas with adequate infrastructure that are closer to end users or distribution points.

Development of mineral resources in Railroad Valley in general and the WAA in particular is constrained by a number of factors. The first is the remoteness of the site, which is reflected by the lack of transportation and utility infrastructure. Neither overhead power nor other utilities are available at the WAA. Access to the WAA is via U.S. Highway 6, a two-lane, asphalt-paved road approximately 2.5 miles west of the site. In addition, the surface of the playa is very soft and not conducive to vehicle travel or the establishment of structures or facilities, particularly when it is wet. One active and a number of inactive oil wells are present on the WAA and are accessed by raised and gravel-surfaced roadways. Railroad Valley is located almost 200 miles from Elko, Nevada, the nearest city with a population of 20,000. Las Vegas, Nevada, the nearest major market, is close to 300 miles away by road.

Oil and gas activities have occurred in Railroad Valley for almost 70 years, much longer than the playa has been used by NASA for satellite calibration. The existing roads, well pads, and other infrastructure within the WAA have been incorporated into the baseline condition and do not adversely affect the utility of the WAA for satellite calibration. Any withdrawal would be established subject to valid, existing rights; oil and gas development activities would be expected to continue, consistent with those rights.

### 5.1 Oil and Gas

Nevada is ranked 27 out of the 32 oil-producing states by U.S. Energy Information Administration (EIA). According to the NDOM (Muntean et al., 2021), 220,292 barrels was the State's net oil production in 2020, which accounted for 0.005 percent of the total domestic production. The majority of this production comes from seven fields in Railroad Valley, which accounted for 83 percent of Nevada's total production in 2020. Nevada's actively producing wells decreased by one in 2020, and there was a 14 percent decrease in barrels per day compared to 2019. No new producers were completed in 2020. Exploration for oil and gas in Nevada has declined since the mid-1980s but it is still ongoing. Four oil and gas wells were permitted in 2020, which was one more than permitted in 2019. Nevada had authorized 487 oil and gas leases involving nearly 883,000 acres, which was a 2 percent decrease in acreage and lease numbers (Muntean et al., 2021).

In the future, oil and natural gas will continue to be heavily used in the U.S. Projections through 2050 indicate that natural gas and petroleum will remain the most-used fuels through 2050 (EIA, 2022). Production of oil and natural gas will also remain at “historically high” levels through 2050, with oil production expected to increase around 20 percent and natural gas production projected to increase around 24 percent from 2021 production levels. The EIA projects that by 2050, approximately 25 percent more natural gas will be produced than consumed in the U.S. because of the exportation of liquefied natural gas (EIA, 2022). In 2020, 207 oil operators in Nevada reported actual net proceeds of almost \$2.96 million, or about 0.1 percent of all mineral proceeds in Nevada. In Nye County, 100 percent of net proceeds were from oil operations and totaled \$2.75 million (Nevada Department of Taxation, 2021).

The projected development potential of oil and gas resources in the WAA is moderate to high. Oil resources are clearly present, but the complicated geology makes it difficult to identify suitable drilling targets. The potential for oil shale/natural gas at depth on the eastern side of Railroad Valley is also moderate to high. A projected surge in domestic natural gas production could make the Chainman Formation a potential target in Railroad Valley in general and not necessarily beneath the WAA. The cost of deep exploration and current limitations in infrastructure needed to transport the gas to market could be detrimental to this effort.

For oil, the economic potential for future development is moderate. High oil prices will incentivize production and exploration, subject to the development limitations listed previously. In 2020, there were more than 25 shut-in wells in the seven fields, as listed in Table 3-1. An annual production increase of 3 percent (the maximum increase over the past 10 years was 5 percent) could be easily accomplished by bringing some of these wells back online. This 3 percent increase would result in an average increase in net proceeds for the state of Nevada of \$1.74 million per year over a 30-year term. The same production increase would yield an average increase in gross proceeds for the operators of \$11.61 million per year over a 30-year term.

The state of Nevada produces a small proportion of domestic oil. As with sodium, there is no shortage of other oil deposits that are just as productive and closer to existing infrastructure and that would be more likely exploration targets. Any withdrawal would be established subject to valid, existing rights; oil and gas development activities within the WAA would be expected to continue consistent with those rights.

For oil shale/natural gas deposits, the economic potential for future development is moderate. All five active wells in the Kate Springs Field also produced natural gas in 2020, which is used to operate local production and operation equipment. High demand for natural gas will incentivize production and exploration, subject to the development limitations listed previously. An annual production increase of 3 percent (the maximum increase over the past 10 years was 5 percent) would result in an average increase in net proceeds for the state of Nevada of \$1.74 million per year over a 30-year term. The same production increase would yield an average increase in gross proceeds for the operators of \$11.61 million per year over a 30-year term. Any withdrawal activity would be established subject to valid, existing rights; oil and gas development activities within the WAA would be expected to continue consistent with those rights.

## 5.2 Geothermal Resources

Geothermal resources are known to occur within Railroad Valley but their full potential has yet to be fully investigated. No leases are currently filed or authorized for use of geothermal resources in the general area of the WAA, likely a reflection of the limited investigation for geothermal resources in Railroad Valley as well as the lack of local electrical infrastructure, and general remoteness of the site, which could significantly limit development. At a minimum, additional information about the subsurface conditions,



the local electrical infrastructure system, and the nearest markets would be required to estimate the projected development potential or economic potential for geothermal resources.

Nevada holds the largest amount of untapped geothermal resources in the U.S. (NREL, 2001) and currently ranks second behind California in electrical generation capacity from geothermal plants (NDOM, 2022). Most geothermal plants are in the northern portion of the State, where hydrothermal water temperatures are highest. Because of lower average water temperatures, the geothermal potential is lower in the southern part of Nevada, including in Railroad Valley. The development potential for geothermal resources on the WAA is low compared to other parts of the State, where geothermal resources are stronger, infrastructure to transport energy is existing and readily accessible, and markets are nearer. A number of federal and state initiatives are currently accelerating exploration for, and development of, geothermal resources in Nevada. Some of these programs include grant funds and research assistance. The Energy Act of 2020 allowed for issuance of non-competitive geothermal leases over existing oil and gas wells for co-production of geothermal fluids and electricity generation. Even though no leases of this type have been issued in Railroad Valley, the economic potential for the development of geothermal resources in Railroad Valley is moderate, particularly around its fault-defined boundaries and around specific and existing oil and gas wells.

### **5.3 Surface and Near-Surface Sedimentary Deposits**

Thanks largely to the NURE-HSSR program and several other exploratory programs completed in Railroad Valley, information is available about the concentrations of mineral resources that have moderate to high potential to occur in surface and near-surface sedimentary deposits within the WAA. As discussed previously, data from some wells and exploration holes also provide limited information about the geochemistry of near-surface and deeper mineral deposits.

The projected development potential or economic potential of surface and near-surface sedimentary deposits depends on a wide range of factors. The value of the commodities in these deposits is the largest factor and determines if the deposit is economical or not. Other major factors are the concentrations of elements in the sediments and the extractability of those elements, which depends on the efficiency of the extraction method. The typical extraction method for surface and near-surface sedimentary deposits involves open-pit excavation, transportation to a processing facility, processing by chemical and/or mechanical means, and refinement, followed by packaging and distribution. These processes generate waste that must be managed, which can be a cost that offsets the overall profitability of the endeavor. The depth of the deposits is a concern for open-pit mining methods. Another extraction option is solution mining of some soluble minerals, which typically requires a smaller surface footprint than an open-pit mine, with the potential exception of minerals that require evaporation ponds. At Clayton Valley, the evaporation ponds alone encompass more than 6 square miles.

The accessibility of the deposits is another concern. To support sediment processing and offsite delivery, extraction and processing facilities and a suitable transportation network would need to be constructed, which require additional space and expense. In Nevada, water rights are a major concern because most types of mining require significant amounts of water. Deposits of common and less valuable commodities such as potassium- and sodium-bearing minerals of equal potential are more likely to be developed in proximity to a market to minimize transportation costs. Railroad Valley is located almost 200 miles from Elko, Nevada, the nearest city with a population of 20,000. Las Vegas, Nevada, the nearest major market is close to 300 miles away by road.

## 5.4 Brine Deposits

Publicly available information is not sufficient to completely assess the quality and quantity of the mineral resources in the potential brine deposits. Several companies are actively investigating the potential for these resources to be present in Railroad Valley and under the WAA. Information provided by 3PL Operating Inc. documents the presence of sodium, lithium, boron, tungsten, and phosphate in brine, and other mineral resources may also be present (Loomis et al., 2021). Extraction of sodium and lithium is expected to be the main drivers behind harvesting the Railroad Valley brine deposits, with other elements being produced as byproducts or coproducts.

A major factor in determining the development or economic potential is the method proposed for extraction of resources. The currently favored method that is in use at Clayton Valley for lithium extraction is based on evaporation ponds, a process that takes months to years and results in evaporation of billions of gallons of water per year (in Clayton Valley). A similar process is used for mining Searles Lake brines for sodium- and potassium-rich minerals. Currently evolving technologies known as “direct lithium extraction” have enormous potential but have yet to be demonstrated to be viable, energy efficient, and cost efficient at scale. At the proposed Rhyolite Ridge Project in Esmeralda County, Nevada, the proponent is planning to leach lithium and boron from the host rock using dilute sulfuric acid, a process that obviates the need for evaporation ponds and tailings ponds (ioneer, 2021). Without more information on the brine geochemistry, the proposed extraction methods, its energy sources, demands, viability and efficiency, it is not practical to speculate on the projected development potential or economic potential of brines in Railroad Valley. Even so, the market outlook for sodium, tungsten, lithium, boron, and phosphate, reported by 3PL Operating Inc. to be five of the most important mineral resources present in Railroad Valley brines, is provided in Section 5.5.

## 5.5 Market Outlook

### 5.5.1 Sodium

The U.S. provided more than 90 percent of the world’s supply of soda ash (sodium carbonate) in 2020 and 2021 and has major reserves in Wyoming (estimated 47 billion tons) and Searles Lake and Owens Lake in California (estimated 815 million tons) (USGS, 2022ao). According to the USGS, world continental resources of salt are “vast, and the salt content in the oceans is nearly unlimited” (USGS, 2022ap). Salt is produced from rock salt and extracted from brines in Kansas, Louisiana, Michigan, New York, Ohio, and Texas. Saline lakes and solar evaporation salt facilities are located in Arizona, California, Nevada, New Mexico, Oklahoma, and Utah. According to the USGS, the world’s sodium sulfate resources in 2013 were “sufficient to last hundreds of years at the present rate of world consumption” (USGS, 2013) and the U.S. reserves were estimated to be 860 million tons, of which more than half are from Searles Lake, California.

Due to easily accessible and significant quantities of soda ash and salt outside Railroad Valley, the market demand for these sodium resources is expected to be relatively low. Demand for naturally occurring and high-purity sodium resources is anticipated to be higher, depending on the final market cost of the commodity. The market outlook for sodium sulfate is harder to predict, in part because post-2013 USGS data for its production are not available.

### 5.5.2 Tungsten

Even though the U.S. has “significant” tungsten resources, the USGS has reported no domestic production of tungsten since 2015 (USGS, 2022b). As the world’s largest producer and consumer of tungsten, China has regulated its tungsten mining industry by “limiting the number of mining and export licenses,

imposing quotas on concentrate production, and placing constraints on mining and processing." As a result, tungsten production from outside China was expected to increase in 2021 but to remain at "less than 20% of world production" (USGS, 2022b). Brines, such as those in Searles Lake, California, have been documented to contain concentrations of 56 ppm tungsten and the largest known domestic tungsten resource (Altringer et al., 1985). As both a strategic and a critical mineral, the market demand for, and the projected development potential of, domestic tungsten is high.

### 5.5.3 Lithium

"Continental" lithium resources around the world are estimated to be in excess of 43 million tons, which are projected to meet demands to the year 2100 (Bradley et al., 2017). Excluding U.S. production, worldwide lithium production in 2021 increased by 21 percent to approximately 100,000 tons from 82,500 tons in 2020 in response to strong demand from the lithium-ion battery market and increased prices of lithium. Global consumption of lithium in 2021 was estimated to be 93,000 tons, a 33 percent increase from 70,000 tons in 2020 (USGS, 2022d).

Although not typically considered a lithium deposit, the world's oceans are the largest potential source of lithium. Even though present in only low concentrations, averaging 170 ppb, ocean waters contain an estimated 180 billion tons of lithium, or many thousands of times the "continental" lithium reserves (Service, 2022; DOE, 2021). Research is currently underway to determine the most efficient way to extract the metal and at scale.

Estimates of the lithium demands in the coming decades and up to 2050 vary by factor, but all project a significant increase. In a published Memorandum to the Senate Committee on Energy and Natural Resources (Congressional Research Service, 2019), the DOE projects a four-fold increase in lithium demand by 2025 for use in lithium batteries alone. A similar increase in lithium-demand from 2010 to 2050 was projected in a 2008 study that forecast critical mineral demand in 2010 and 2050 (Halada et al., 2008). A World Bank Study projects a 12-fold increase in lithium demand from 2013 to 2050 based on a 2 degree rise in temperature (Celsius) (Congressional Research Service, 2019). The National Blueprint for Lithium Batteries 2021–2030, produced by the DOE, predicts that the worldwide lithium-battery market will grow by a factor of 5 to 10 between 2021 and 2030 (Federal Consortium for Advanced Batteries, 2021).

Developing domestic supplies of critical minerals, including lithium, is a top priority of the current administration. Currently, the only domestic source of lithium is Clayton Valley, Nevada. With an increased focus on domestic lithium, other lithium resources are in the process of being developed. Two large lithium deposits are currently being considered in Nevada. The Thacker Pass Project in northern Nevada (Humboldt County) and southern Oregon has been described as possibly the "world's largest Li clay resource" by Castor and Henry (2020), potentially containing almost 590,000 tons of lithium. A decision on this surface-mining project is expected in late 2022. Rhyolite Ridge is a proposed lithium surface-mining project in Esmeralda County, Nevada, that purports to host the "largest known lithium and boron deposit in North America estimated at 146.5 million metric tonnes, including an ore reserve of 60 million metric tonnes" (Fluor, 2022). No proposed start date for operation of this facility has been made public. Domestic lithium reserves are also being explored in geothermal brines in Searles Lake, California, and in pegmatite ores in North Carolina and Maine (Cough, 2021).

### 5.5.4 Boron

Boron is produced by two companies in California, and most of the boron products consumed in the U.S. are manufactured domestically. One company produces boron by mining borate ores, and the second company produces borate products from brine extraction. The largest domestic and economically viable

boron deposits are in the Mojave Desert of the U.S., consisting primarily of tincal, kernite, and borates contained in brines. As noted previously, the Rhyolite Ridge Project in Esmerelda County, Nevada, is proposed to be a major source of domestic boron.

The U.S. exports borate to other countries, including Mexico, the Netherlands, India, and China. The USGS anticipates exports to China will continue to remain steady or rise in the next several years. Investment in new borate refineries and an increasing demand is expected to maintain growth in global production for the next few years (USGS, 2022f). Mordor Intelligence (2022) reports that the global market for boron is expected to grow at a compound annual growth rate of over 3 percent through 2026.

### **5.5.5 Phosphate**

Phosphorous is typically mined from phosphate rock ore. The U.S. is the world's leading producer and consumer of phosphate rock, which is used to manufacture phosphate fertilizers and industrial products (USGS, 2022an), with all domestic production in 2021 from mines in Florida, North Carolina, Idaho, and Utah. Because significant phosphate-containing deposits are present in the U.S., the projected development potential for phosphate resources from Railroad Valley is low, unless it is easily extracted as a byproduct during mining of other mineral resources, such as sodium or lithium.



## 6. Conclusions

This MPR was prepared in accordance with BLM guidelines for mineral resource assessments and in support of decision-making regarding NASA's application for a withdrawal and reservation of public land in Railroad Valley in northeastern Nye County, Nevada.

### 6.1 Resources Known to be Valuable in the WAA

#### 6.1.1 Oil and Gas Resources

The WAA is known to be valuable for oil and gas resources, which are the only mineral resources that have been consistently produced from the site. Surface deposits of salt were mined from the playa in Railroad Valley in the 1880s for use as a chlorinating agent in regional silver mills, but the salts were not ideal for this purpose and other sources were found. Production from the single, active well on the WAA, which is part of the Sans Spring Field, has steadily decreased over the past 30 years to less than 2 percent of the 1993 volume. This mirrors a trend for other oil fields in Railroad Valley, which have seen a major (70 to 90 percent) and continuing decrease in production since the 1990s. Any withdrawal would be established subject to valid, existing rights; oil and gas development activities within the WAA would be expected to continue consistent with those rights.

### 6.2 Resources Prospectively Valuable in the WAA

The WAA is prospectively valuable for a wide range of mineral resources, including oil shale/natural gas, geothermal, potassium, sodium, tungsten, magnesium, barium, lithium, boron, and phosphate. The actual value of these mineral resources depends on a number of major factors and limitations, as described previously.

#### 6.2.1 Oil Shale/Natural Gas

Natural gas has been produced from the Kate Spring Field for at least 30 years. The Chainman Formation is a known petroleum source rock that underlies significant portions of Railroad Valley, including parts of the WAA. Petroleum exploration activities in Railroad Valley have focused on oil but several publications and at least one expert on Railroad Valley geology have noted the potential for natural gas in the Chainman Formation in the area. As summarized in Table 4-1, for oil shale/natural gas resources the mineral potential classification is H/C along the eastern edge of Railroad Valley and where the Chainman Formation is interpreted to be present and is M/B for the western portion of Railroad Valley.

#### 6.2.2 Geothermal

Geothermal energy has not been harvested in Railroad Valley but the presence of geothermal activity has been documented in springs that line the eastern and western boundaries of the valley and in oil wells completed within Railroad Valley. Within a majority of the WAA, the potential for geothermal resources is moderate because higher temperature waters, and the associated high potential, appear to be concentrated near the perimeter of the valley. As summarized in Table 4-1, for areas within 2 miles of the springs that line the eastern and western boundaries of Railroad Valley, the mineral potential classification for geothermal resources is H/C. For areas near the center of Railroad Valley and at least 2 miles from surface springs, the mineral potential classification for geothermal resources is M/C.

### 6.2.3 Potassium

Surface deposits of potassium-bearing minerals have been documented in the area of the WAA, but significant quantities of potassium ore have not been encountered in the subsurface of the WAA. Numerous domestic potassium deposits are much more easily and cheaply accessed in areas with adequate infrastructure that are closer to end users or distribution points. For potassium in sediments, the mineral potential classification is M/C in the WAA and surrounding areas of Railroad Valley. For potassium in brines, the mineral potential classification is H/C in the areas of the WAA that are likely to host brine deposits and L/B outside this area.

### 6.2.4 Sodium

Significant deposits of sodium-bearing minerals have been documented in the WAA. These deposits are likely too deep to be candidates for surface mining. Solution mining is an option but it is unlikely to be economically practical because of the presence of sodium deposits that are much more easily and cheaply accessed in areas with adequate infrastructure that are closer to end users or distribution points. Further, as a common mineral resource, sodium is not particularly valuable on its own. However, if other valuable minerals are also present, solution mining and mining of natural brines may be more appealing to explorationists and investors. For sodium in sediments, the mineral potential classification is H/D in the WAA and surrounding areas of Railroad Valley. For sodium in brines, the mineral potential classification is H/D in the areas of the WAA that are likely to host brine deposits and L/B outside this area.

### 6.2.5 Tungsten

Loomis and others (2021) reported tungsten concentrations of up to 17.7 mg/L in brine samples collected in Railroad Valley and provided measured estimates of tungsten trioxide of more than 17 tons in the middle brine zone. These results have yet to be corroborated. For tungsten ores in the form of minerals, the mineral potential classification is M/B in the WAA and surrounding areas of Railroad Valley. For tungsten in brine, the mineral potential classification is H/C in the areas of the WAA that are likely to host brine deposits (refer to Section 4.1) and L/B outside this area.

### 6.2.6 Magnesium

Magnesium-rich deposits containing concentrations of up to 35 percent magnesium have been identified in rocks at depths of 3,000+ feet in Railroad Valley. These deposits are too deep to be candidates for surface mining. Solution mining is an option but it is unlikely to be economically practical because of the presence of magnesium deposits that are much more easily and cheaply accessed in areas with adequate infrastructure that are closer to end users or distribution points. For magnesium in sediments and rocks, the mineral potential classification is H/D in the WAA and surrounding areas of Railroad Valley. For magnesium in brine, the mineral potential classification is M/B in areas of the WAA that are likely to host brine deposits (refer to Section 4.1) and L/B outside this area.

### 6.2.7 Barium

Barium concentrations in soils/sediments in Railroad Valley are not much above the crustal average (USGS, 2004), but high barium concentrations were found in deep shales several miles to the north of the WAA. A few surface water samples collected in Railroad Valley also contained high concentrations of barium, up to 4,766 ppm. For barite ores, the mineral potential classification is L/B in the WAA and surrounding areas of Railroad Valley. For barium in brine, the mineral potential classification is M/B in areas of the WAA that are likely to host brine deposits (refer to Section 4.1) and L/B outside this area.

### 6.2.8 Lithium

Based on the research completed as part of this MPR, lithium has a high potential to occur in both soils/sediments and brines that are potentially present beneath the WAA. Because of the limited amount of publicly available information about the amounts of lithium resources present and uncertainty about the viability of the extraction methods, predicting the development potential is not practical. Lithium-in-sediment concentrations vary across the valley and between studies but all clearly illustrate the presence of this metal. For sediment-hosted lithium deposits, the mineral potential classification is H/D in the WAA and surrounding areas of Railroad Valley. For lithium-in-brine deposits the mineral potential classification is H/D in the WAA and surrounding areas of Railroad Valley that are likely to host brine deposits (refer to Section 4.1), and L/B outside this area.

### 6.2.9 Boron

To date, the presence of boron deposits in soils/sediments in the WAA has not been confirmed. The reported occurrence of boron in sediments and surface waters in the vicinity of the WAA and general similarities between the geologic environment and the inferred geologic processes at the WAA and those at Clayton Valley indicate the potential for boron to be present in soils/sediments in the WAA, but the certainty remains low. For boron-in-sediment deposits, the mineral potential classification is H/C in the WAA and surrounding areas.

Geologic interpretation provided by 3PL Operating Inc. suggests large reserves of boric acid in soil/sediment at depths of greater than 900 feet bgs, but analytical data for boron concentrations in the soil/sediment was not provided (Loomis et al., 2021). Loomis and others also documented boron in brine concentrations in Railroad Valley (well LD #1-32) of up to 300 mg/L. For boron-in-brine deposits, the mineral potential classification is H/D in the WAA and surrounding areas of Railroad Valley that are likely to host brine deposits (refer to Section 4.1), and L/B outside this area.

### 6.2.10 Phosphate

Because significant phosphate-containing deposits are present in the U.S., the projected development potential for phosphate resources from Railroad Valley is low. For phosphate-in-sediment deposits, the mineral potential classification is M/C in the WAA and surrounding areas. For phosphate-in-brine deposits, the mineral potential classification is H/C in the WAA and surrounding areas of Railroad Valley defined by the geophysical data as hosting a brine deposit (refer to Section 4.1), and L/B outside this area.

## 6.3 Resources Not Valuable in the WAA

Based on the research completed as part of this MPR and publicly available information, the WAA is not valuable for the following mineral resources:

- Coal
- Gold (in ore or brine)
- Silver (in ore or brine)
- Uranium (in ore or brine)
- Thorium (in ore or brine)
- Barium (in ore)
- Sand
- Gravel

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**Appendix A**  
**April 29, 2021 *Federal Register* Notice:**  
**Notice of Application for Withdrawal; and**  
**Notification of Public Meeting; Nye County, Nevada**

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An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it is operating under a currently valid OMB control number. The Office of Management and Budget control number for this collection is 1090–0007. The control number will be displayed on the surveys used. Response to the surveys is voluntary.

*Title of Collection:* American Customer Satisfaction Index (ACSI) Government Customer Satisfaction Surveys.

*OMB Control Number:* 1090–0007.

*Form Number:* None.

*Type of Review:* Renewal of a currently approved collection.

*Respondents/Affected Public:* Individuals, Business, and State, Local, or Tribal Governments who have utilized Federal Government services.

*Total Estimated Number of Annual Respondents:* Participation by Federal agencies in the ACSI is expected to vary as new customer segment measures are added or deleted. However, based on historical records, projected average estimates for the next three years are as follows:

*Average Expected Annual Number of Customer Satisfaction Surveys:* 100 with 800 respondents per survey.

*Total Estimated Number of Annual Responses:* 80,000.

*Estimated Completion Time per Response:* 12.0 minutes.

*Total Estimated Number of Annual Burden Hours:* 16,000.

*Respondent's Obligation:* Voluntary.

*Frequency of Collection:* Once per survey.

*Total Estimated Annual Nonhour Burden Cost:* None.

An agency may not conduct or sponsor and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number.

The authority for this action is the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 *et seq.*).

**Jeffrey Parrillo,**

*Departmental Information Collection Clearance Officer.*

[FR Doc. 2021–08426 Filed 4–28–21; 8:45 am]

**BILLING CODE 4334–63–P**

## DEPARTMENT OF THE INTERIOR

### Office of the Secretary

[XXXD5198NI DS6110000  
DNINR0000.000000 DX61104]

### Notice of Call for Nominations for the Exxon Valdez Oil Spill Public Advisory Committee

**AGENCY:** Office of the Secretary, Interior.

**ACTION:** Call for nominations notice.

**SUMMARY:** The Exxon Valdez Oil Spill Trustee Council (Trustee Council) is soliciting nominations for the Public Advisory Committee (Committee). This Committee advises the Trustee Council on decisions related to the planning, evaluation, funds allocation, and conduct of injury assessment and restoration activities related to the T/V Exxon Valdez oil spill of March 1989.

**DATES:** All nominations must be received by June 14, 2021.

**ADDRESSES:** A complete nomination package should be submitted by hard copy or via email to Shihway Wang, Acting Executive Director, Exxon Valdez Oil Spill Trustee Council, 4230 University Drive, Suite 220, Anchorage, Alaska, 99508–4650, or at [shihway.wang@alaska.gov](mailto:shihway.wang@alaska.gov). Also please copy Linda Kilbourne, Administrative Manager, on any email correspondence at [linda.kilbourne@alaska.gov](mailto:linda.kilbourne@alaska.gov).

**FOR FURTHER INFORMATION CONTACT:** Dr. Philip Johnson, Department of the Interior, Office of Environmental Policy and Compliance, telephone number: (907) 786–3914; email: [philip\\_johnson@ios.doi.gov](mailto:philip_johnson@ios.doi.gov).

**SUPPLEMENTARY INFORMATION:** The Committee was created pursuant to Paragraph V.A.4 of the Memorandum of Agreement and Consent Decree entered into by the United States of America and the State of Alaska on August 27, 1991, and approved by the United States District Court for the District of Alaska in settlement of *United States of America v. State of Alaska*, Civil Action No. A91–081 CV. The Committee advises the Trustee Council on matters relating to decisions on injury assessment, restoration activities, or other use of natural resource damage recoveries obtained by the government. The Trustee Council consists of representatives of the U.S. Department of the Interior, U.S. Department of Agriculture, National Oceanic and Atmospheric Administration, Alaska Department of Fish and Game, Alaska Department of Environmental Conservation, and Alaska Department of Law.

The Committee consists of 10 members to reflect balanced

representation from each of the following principal interests: Aquaculture/mariculture, commercial tourism, conservation/environmental, recreation, subsistence use, commercial fishing, native landownership, sport hunting/fishing, science/technology, and public-at-large.

We are soliciting nominations for seven positions that represent aquaculture/mariculture, commercial fishing, commercial tourism, recreation, Native landownership, subsistence, and public-at-large interests. The Committee members will be selected and appointed by the Secretary of the Interior to serve a two-year term.

Nominations for membership may be submitted by any source. Nominations should include a résumé providing an adequate description of the nominee's qualifications, including information that would enable the Department of the Interior to make an informed decision regarding meeting the membership requirements of the Committee and permit the Department of the Interior to contact a potential member.

**Authority:** 5 U.S.C. Appendix 2.

**Philip Johnson,**

*Regional Environmental Officer, Office of Environmental Policy and Compliance.*

[FR Doc. 2021–08979 Filed 4–28–21; 8:45 am]

**BILLING CODE 4334–63–P**

## DEPARTMENT OF THE INTERIOR

### Bureau of Land Management

[LLNV933000.19200000–  
ET0000.LRORF2012100; TAS XXX; N–98605;  
MO# 4500146306]

### Notice of Application for Withdrawal; and Notification of Public Meeting; Nye County, Nevada

**AGENCY:** Bureau of Land Management, Interior.

**ACTION:** Notice.

**SUMMARY:** The Bureau of Land Management (BLM) is providing notice of an application from the National Aeronautics and Space Administration (NASA) requesting that the Secretary of the Interior withdraw and reserve lands necessary for NASA's satellite calibration activities within the Railroad Valley (RRV), Nye County, Nevada, area for a period of 20 years, subject to valid existing rights. Publication of this Notice segregates approximately 22,995.05 acres of public lands from all forms of appropriation or other disposition under the public land laws, including the mining, mineral leasing, and geothermal leasing laws, for up to

two years, subject to valid existing rights. This notice also invites the public to comment on the withdrawal application by several methods, including a virtual public meeting.

**DATES:** Comments must be received by July 28, 2021. On Monday, July 19, 2021, from 11:00 a.m. to 12:00 p.m. Eastern time, NASA will hold a virtual public meeting in connection with the proposed withdrawal. NASA will publish further instructions about how to access the online public meeting in the *Reno Gazette-Journal* (Reno), *Las Vegas Review-Journal* (Las Vegas), *The Ely Times* (Ely), and *Tonopah Times-Bonanza & Goldfield News* (Tonopah) newspapers a minimum of 30 days prior to the meeting.

**ADDRESSES:** All comments should be sent to the BLM Nevada State Office, 1340 Financial Boulevard., Reno, NV 89502; faxed to 775-861-6606; or sent by email to [blm\\_nv\\_sonasafrncomments@blm.gov](mailto:blm_nv_sonasafrncomments@blm.gov). The BLM will not consider comments received via telephone calls.

**FOR FURTHER INFORMATION CONTACT:** Edison Garcia, Land Law Examiner, BLM, by telephone at 775-861-6530; by email at [edisongarcia@blm.gov](mailto:edisongarcia@blm.gov). Persons who use a telecommunications device for the deaf (TDD) may call the Federal Relay Service (FRS) at 1-775-861-6511 to contact the above individual during normal business hours. The FRS is available 24 hours a day, seven days a week, to leave a message or question with the above individual. You will receive a reply during normal business hours.

**SUPPLEMENTARY INFORMATION:** NASA has filed an application requesting that the Secretary of the Interior withdraw the public lands described below from all forms of appropriation or other disposition under the public land laws, including the mining, mineral leasing, and the geothermal leasing laws, subject to valid existing rights, and reserve them for NASA's satellite calibration activities within the Railroad Valley, Nye County, Nevada area for a period of 20 years.

Publication of this Notice segregates approximately 22,995.05 acres of public lands, for up to two years from all forms of appropriation or other disposition under the public land laws, including the mining, mineral leasing, and geothermal leasing laws, subject to valid existing rights. This notice also invites the public to comment on the withdrawal application by several methods, including a virtual public meeting to be held Monday, July 19, 2021, from 11:00 a.m. to 12:00 p.m. Eastern time.

The two-year segregation of 22,995.05 acres of public land will provide the BLM and NASA time to prepare an Environmental Assessment (EA) which will analyze the environmental effects of the requested withdrawal and any alternatives in order for the BLM to make a recommendation to the Secretary of the Interior. Further, NASA intends to select from among the segregated lands a subset of those lands most suitable for its purposes; therefore, it is likely that if the Secretary does elect to withdraw any of the lands requested, far fewer of the segregated lands would eventually be withdrawn.

As required by section 204(b)(1) of the Federal Land Policy and Management Act of 1976 (FLPMA), 43 U.S.C. 1714(b)(1), and the BLM regulations at 43 CFR part 2300, the BLM is publishing Notice of NASA's application to withdraw the following described lands:

**Mount Diablo Meridian, Nevada**

T. 7 N., R. 56 E.,  
Secs. 2 thru 17;  
Secs. 20 thru 27.  
T. 8 N., R. 56 E.,  
Secs. 19 thru 21;  
Secs. 27 thru 35.

The areas described aggregate 22,995.05 acres in Nye County.

According to the application, RRV is the only location in the U.S. with the appropriate characteristics to enable satellite calibration and has been used for these purposes since 1993. Alternative sites to RRV are less desirable, due to the effects of human activity, site inhomogeneity, topography, and excessive brightness—all of which negatively impact the accuracy of sensor readings for satellite calibration. The lands subject to the withdrawal application are the lands for which protection is sought from the impacts of exploration and development under the United States mineral and geothermal leasing laws.

The use of a right-of-way, interagency agreement, or cooperative agreement would not adequately constrain non-discretionary uses which could result in permanent loss of significant values and Federal investment in the long-term satellite calibration program established for NASA.

No water will be needed to fulfill the purpose of the requested withdrawal.

Before including your address, phone number, email address, or other personal identifying information in your comment, you should be aware that your entire comment—including your personal identifying information—may be publicly available at any time. While you can ask us in your comment to

withhold your personal identifying information from public review, we cannot guarantee that we will be able to do so.

Notice is hereby given that a virtual (online) public meeting in connection with the application for withdrawal will be held on Monday, July 19, 2021, from 11:00 a.m. to 12:00 p.m. Eastern time. NASA will publish a notice of the online venue in local newspapers a minimum of 30 days before the schedule date of the meeting.

**Authority:** 43 U.S.C. 1714(b)(1) and 43 CFR 2310.3-1

**Jon K. Raby,**

*State Director, Nevada.*

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**DEPARTMENT OF THE INTERIOR**

**Bureau of Land Management**

[LLNM910000 L07772100.XX0000  
212L1109AF]

**Second Call for Nominations for the Bureau of Land Management New Mexico Resource Advisory Councils**

**AGENCY:** Bureau of Land Management, Interior.

**ACTION:** Notice.

**SUMMARY:** The purpose of this notice is to request public nominations to the Bureau of Land Management's (BLM) Northern New Mexico Resource Advisory Council (RAC) and Southern New Mexico RAC that have vacant positions and/or members whose terms are scheduled to expire. These RACs provide advice and recommendations to the BLM on land use planning and management of the National System of Public Lands within their geographic areas.

**DATES:** All nominations must be received no later than June 1, 2021.

**ADDRESSES:** Nominations and completed applications should be sent to the appropriate BLM offices listed in the **SUPPLEMENTARY INFORMATION** section of this notice.

**FOR FURTHER INFORMATION CONTACT:** Allison Sandoval, BLM New Mexico State Office, 301 Dinosaur Trail, Santa Fe, NM 87508, telephone: 505-954-2019, email: [aesandoval@blm.gov](mailto:aesandoval@blm.gov). Persons who use a telecommunications device for the deaf (TDD) may call the Federal Relay Service (FRS) at 1-800-877-8339 to contact Ms. Sandoval during normal business hours. The FRS is available 24 hours a day, 7 days a week, to leave a message or question.



**Appendix B**  
**Sediment and Water Analytical Data from Railroad**  
**Valley, Nevada**

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Table B-1. Reformatted Data from the NURE-HSSR Sediment Samples from Railroad Valley\*, Nye County, Nevada

Sample Tracking Number	Collection Date	Sample Source	Analytical Methods	LI_PPM	BE_PPM	NA_PCT	MG_PCT	AL_PCT	K_PCT	CA_PCT	SC_PPM	TI_PPM	V_PPM	CR_PPM	MN_PPM	FE_PCT	CO_PPM	NI_PPM	CU_PPM	ZN_PPM	SR_PPM	NB_PPM	AG_PPM	BA_PPM	LA_PPM	CE_PPM	SM_PPM	
5140619	6/1/1980	STREAM	OR2,OR7	35	1	1.04	0.89	5.62	1.78	4.89	6	2322	97	68	380	1.98	6	31	32	89	322	10	-2	974	29	46	0	
5140620	6/1/1980	STREAM	OR2,OR7	36	2	1.29	0.81	6.17	1.83	4.29	6	2741	74	38	425	2.24	6	27	16	92	351	11	-2	830	33	57	0	
5140621	6/1/1980	STREAM	OR2,OR7	34	2	1.37	0.91	6.27	1.79	2.86	6	2637	60	28	560	2.11	6	16	14	74	351	11	-2	824	32	61	0	
5140622	6/1/1980	STREAM	OR2,OR7	36	2	1.32	1.01	6.26	1.81	3.9	6	2664	60	28	603	2.18	7	16	15	76	338	12	-2	748	31	56	0	
5140623	6/1/1980	STREAM	OR2,OR7	39	2	1.25	1.27	6.14	1.75	5.19	6	2570	57	28	613	2.14	6	16	18	76	305	13	-2	764	27	51	0	
5140624	6/1/1980	STREAM	OR2,OR7	31	2	1.13	0.73	6.04	1.53	2.34	6	2694	63	28	939	2.47	7	18	31	84	339	13	-2	761	38	70	0	
5140625	6/1/1980	STREAM	OR2,OR7	38	2	1.4	0.91	6.45	1.88	1.89	6	2658	62	32	680	2.22	7	16	18	83	330	13	-2	760	34	64	0	
5140626	6/1/1980	STREAM	OR2,OR7	35	1	1.07	2.03	5.47	1.55	5.5	5	2366	54	27	614	2	6	13	13	79	291	12	-2	602	27	49	0	
5140627	6/1/1980	STREAM	OR2,OR7	47	2	0.83	1.44	6.05	1.64	4.67	7	2634	70	47	583	2.3	8	25	18	92	265	11	-2	598	28	54	0	
5140636	6/2/1980	STREAM	OR2,OR7	35	1	0.79	1.45	5.11	1.31	6.17	6	2305	71	45	566	2.07	7	26	16	95	282	9	-2	672	30	52	0	
5140638	6/2/1980	STREAM	OR2,OR7	38	2	1.33	1.06	6.28	1.81	3.14	6	2497	56	29	508	2.06	6	15	12	69	368	11	-2	739	31	53	0	
5140639	6/2/1980	STREAM	OR2,OR7	35	1	0.93	0.9	5.17	1.39	5.76	6	2317	68	43	459	2.05	7	21	12	79	312	12	-2	586	32	61	0	
5140640	6/2/1980	STREAM	OR2,OR7	39	1	1.15	1.11	5.58	1.59	5.79	6	3127	74	33	495	2.39	7	17	13	76	381	14	-2	708	35	65	0	
5140641	6/2/1980	STREAM	OR2,OR7	34	1	0.95	1.2	5.13	1.46	6.62	5	2563	65	38	444	1.99	6	18	12	90	349	10	-2	601	28	50	0	
5140646	6/3/1980	STREAM	OR2,OR7	39	2	1.22	1.1	5.86	1.77	4.54	6	2409	57	31	502	2.01	6	15	14	72	347	12	-2	682	29	58	0	
5140647	6/2/1980	STREAM	OR2,OR7	43	2	1.15	0.99	6.21	1.88	4.35	6	2595	83	49	453	2.27	6	27	20	98	339	12	-2	893	29	48	0	
5140649	6/3/1980	STREAM	OR2,OR7	38	1	1.18	1.03	5.96	1.66	5.55	6	3484	74	31	508	2.32	6	15	12	72	369	13	-2	760	36	66	0	
5140650	6/2/1980	STREAM	OR2,OR7	40	2	1.22	1.22	6.13	1.7	5.19	6	2760	59	28	506	2.1	6	10	11	61	392	11	-2	824	29	55	0	
5141116	5/11/1980	STREAM	OR1,OR7	38	2	1.06	1.85	5.46	1.82	6.84	4	1982	47	21	430	1.54	4	9	9	45	390	14	-2	609	27	49	0	
5141118	5/11/1980	SOIL	OR1,OR7	34	2	1.2	1.19	5.92	1.99	6.49	4	1682	38	19	495	1.4	-4	11	8	44	476	12	-2	598	30	51	0	
5141119	5/11/1980	SOIL	OR1,OR7	39	2	1.08	1.33	5.77	1.88	7.32	5	2094	49	23	516	1.68	5	11	11	49	462	15	-2	569	37	66	0	
5141120	5/11/1980	STREAM	OR1,OR7	34	2	1.1	1.3	5.4	1.71	7.46	4	1842	43	20	495	1.49	5	11	10	43	490	14	-2	572	33	62	0	
5141121	5/11/1980	STREAM	OR1,OR7	30	2	1.02	1.32	5.26	1.58	7.88	5	2451	55	25	517	1.78	6	12	9	43	502	16	-2	557	42	77	0	
5141124	5/11/1980	STREAM	OR1,OR7	42	2	1.23	1.39	5.85	1.97	6.2	5	2270	55	24	434	1.75	4	12	12	49	420	13	-2	646	33	60	0	
5141125	5/11/1980	STREAM	OR1,OR7	-1	-1	-0.05	-0.05	-0.05	-0.02	-0.05	-1	-10	-2	-1	-4	-0.05	-4	2	-2	2	-1	-4	-2	-2	-2	-2	-10	0
5141127	5/11/1980	SOIL	OR1,OR7	50	2	0.95	1.83	5.33	1.81	7.89	5	2173	55	25	410	1.81	6	11	15	52	404	15	-2	520	27	54	0	
5141128	5/11/1980	STREAM	OR1,OR7	35	2	1.06	1.94	5.53	1.63	6.11	5	2021	50	23	468	1.75	5	13	10	59	338	13	-2	637	32	60	0	
5141132	5/11/1980	STREAM	OR1,OR7	39	1	1.01	2.01	5.5	1.66	6.35	5	2208	55	25	460	1.93	4	15	11	74	311	11	-2	598	27	51	0	
5141133	5/11/1980	STREAM	OR1,OR7	45	2	1.17	1.7	6.2	1.92	4.58	5	2270	56	25	555	2.05	6	16	13	70	333	13	-2	682	31	56	0	
5141134	5/11/1980	STREAM	OR1,OR7	42	2	1.35	1.31	6.67	2.09	3.61	5	2426	58	25	511	2.06	6	12	12	66	374	14	-2	751	35	67	0	
5141136	5/11/1980	STREAM	OR1,OR7	41	2	1.09	1.34	6.12	1.77	4.9	5	2390	61	27	479	2.12	6	14	13	74	354	13	-2	672	31	57	0	
5141137	5/11/1980	STREAM	OR1,OR7	32	1	1.16	1.24	6.05	1.69	4.48	5	2511	57	24	424	1.93	5	12	9	58	389	12	-2	701	33	60	0	
5141138	5/11/1980	SOIL	OR1,OR7	38	2	1.16	1.34	6.19	1.83	4.65	5	2741	64	28	413	2.17	6	14	12	69	367	13	-2	678	34	63	0	
5141139	5/11/1980	STREAM	OR1,OR7	31	2	1.26	1.15	6.66	1.74	3.29	7	3127	83	56	586	2.65	8	13	10	72	412	12	-2	742	33	60	0	
5141141	5/11/1980	STREAM	OR1,OR7	40	2	1.26	1.29	6.47	1.84	4.07	7	3050	75	37	538	2.5	8	16	11	70	433	14	-2	736	36	69	0	
5141143	5/11/1980	STREAM	OR1,OR7	25	1	1.25	1.26	6.34	1.49	3.62	8	4403	109	59	660	3.11	10	16	7	71	454	15	-2	746	51	92	0	
5141144	5/11/1980	STREAM	OR1,OR7	27	1	1.28	1.21	6.43	1.54	3.41	8	4425	103	53	638	3.03	10	13	8	75	457	16	-2	750	46	90	0	
5141145	5/11/1980	STREAM	OR1,OR7	30	2	1.36	1.08	6.7	1.76	3.33	6	2869	75	35	537	2.34	6	12	9	67	452	11	-2	798	36	62	0	
5141147	5/11/1980	STREAM	OR1,OR7	39	2	1.32	1.25	6.14	1.97	4.28	5	2208	58	27	618	1.92	6	12	11	74	380	12	-2	720	29	52	0	
5141148	5/11/1980	STREAM	OR1,OR7	40	2	0.84	1.27	6.1	1.52	4.99	6	2613	80	45	483	2.36	7	23	14	111	334	11	-2	662	33	59	0	
5141149	5/12/1980	STREAM	OR1,OR7	46	1	1.06	1.6	5.86	1.71	5.88	5	2082	51	24	319	1.75	4	12	7	53	421	11	-2	737	40	73	0	
5141150	5/12/1980	STREAM	OR1,OR7	38	2	1.19	1.5	5.98	1.86	5.24	5	2179	50	21	410	1.79	5	11	10	60	385	12	-2	768	37	70	0	
5141151	5/12/1980	STREAM	OR1,OR7	38	1	1.07	1.95	5.45	1.67	7.44	4	1802	44	21	393	1.59	5	11	9	61	373	13	-2	637	29	55	0	
5141152	5/11/1980	STREAM	OR1,OR7	33	1	1.1	1.9	5.44	1.58	7	4	1817	41	19	327	1.48	-4	8	7	45	415	11	-2	655	31	53	0	
5141153	5/12/1980	STREAM	OR1,OR7	30	1	1.02	2.02	5.21	1.48	8.11	4	1945	45	21	368	1.52	4	8	7	44	397	13	-2	623	30	55	0	
5141154	5/12/1980	STREAM	OR1,OR7	35	1	1.01	1.83	5.28	1.56	8.59	4	2002	47	22	415	1.63	5	9	8	47	433	15	-2	616	35	62	0	
5141155	5/12/1980	STREAM	OR1,OR7	40	1	0.76	1.68	5	1.41	9.23	5	1779	50	24	634	1.68	6	15	10	52	457	13	-2	560	26	52	0	
5141156	5/12/1980	STREAM	OR1,OR7	39	2	1.62	1.22	7.04	2.12	3.06	5	2606	60	24	516	2.03	5	11	8	60	424	13	-2	773	38	67	0	
5141162	5/12/1980	STREAM	OR1,OR7	41	2	1.57	1.52	6.77	1.86	3	8	3141	72	64	624	2.56	9	30	14	164	432	13	-2	788	40	69	0	
5141164	5/12/1980	STREAM	OR1,OR7	41	2	1.55	1.15	6.51	1.91	4.07	6	3650	71	33	538	2.36	6	26	13	158	470	15	-2	779	40	71	0	
5141226	6/9/1980	STREAM	OR1,OR7	41	2	1.16	1.74	5.54	1.66	6.14	5	2366	47	22	472	1.73	5	10	9	54	429	13	-2	685	34	63	0	
5141546	5/28/1980	STREAM	OR1,OR7	49	1	0.97	2.26	3.51	0.98	21.15	2	973	15	10	169	0.69	-4	7	6	23	600	10	-2	685	13	22	0	
5141547	5/28/1980	STREAM	OR1,OR7	41	1	1.3	3.74	5.59	1.56	8.44	4	2092	41	21	410	1.68	4	14	10	43	351	12	-2	622	26	45	0	
5141563	5/28/1980	STREAM	OR1,OR7	41	2	1.82	2.																					

Table B-2. Reformatted Data from the NURE-HSSR Surface Water Samples from Railroad Valley\*, Nye County, Nevada

Sample Tracking Number	Collection Date	Sample Source	Analytical Methods	Water Temperature (°C)	LI_PPb	BE_PPb	B_PPb	F_PPb	NA_PPM	MG_PPM	AL_PPb	P_PPb	SI_PPM	CL_PPM	K_PPM	CA_PPM	SC_PPb	TI_PPb	V_PPb	CR_PPb	MN_PPb	FE_PPb	CO_PPb
1088128	6/3/1980	SPRING	SR4, SR6	12	0	0	0	168	13.8	13.75	291	0	0	6.6	0	0	0	0	5.5	0	0	0	0
1088129	6/3/1980	SPRING	OR13	12	85	1	-4	0	10.8	15.9	251	-40	1.1	0	3.7	13.6	12	3	-4	-4	2	15	-2
1088130	6/3/1980	SPRING	SR4, SR6	15	0	0	0	128	10.04	9.01	417	0	0	4.6	0	0	0	0	4.3	0	115	0	0
1088131	6/3/1980	SPRING	OR13	15	2864	1	-4	0	6.8	14.9	283	-40	1.4	0	2.5	9.8	12	-2	-4	4	-2	55	41
1088298	5/12/1980	WELL	SR4, SR6	12	0	0	0	259	36.5	13.8	163	0	0	12.2	0	0	0	0	-0.1	0	1205	0	0
1088299	5/12/1980	WELL	OR13	12	101	1	323	0	62.3	46.4	184	-40	12.1	0	13.4	45.3	-1	-2	10	-4	2167	39	39
1088468	5/29/1980	SPRING	SR4, SR6	28	0	0	0	173	11.72	3.67	713	0	0	3.6	0	0	0	0	0.7	0	58	0	0
1088469	5/29/1980	SPRING	OR13	28	119	1	217	0	38.3	26.4	98	-40	10	0	9.7	23.7	-1	12	9	-4	-2	-10	2
1088470	5/28/1980	SPRING	SR4, SR6	15	0	0	0	524	21.5	6.87	193	0	0	6.4	0	0	0	0	-0.1	0	99	0	0
1088471	5/28/1980	SPRING	OR13	15	283	1	184	0	40.3	26.5	103	-40	9.7	0	9.4	48.1	-1	14	8	-4	-2	27	13
1088482	6/1/1980	STREAM	SR4, SR6	11	0	0	0	105	10.3	11.5	552	0	0	5.9	0	0	0	0	2.4	0	61	0	0
1088483	6/1/1980	STREAM	OR13	11	46	1	75	0	10.4	24.8	108	-40	7.3	0	3.2	33	-1	7	15	5	3	182	5
1088484	6/2/1980	SPRING	SR4, SR6	13	0	0	0	620	25.88	15.52	1186	0	0	9.3	0	0	0	0	1.9	0	118	0	0
1088485	6/2/1980	SPRING	OR13	13	141	1	118	0	28.2	32.9	113	-40	8.6	0	5.5	44.2	-1	5	11	-4	3	30	4
1088486	6/2/1980	WELL	SR4, SR6	11	0	0	0	422	27.12	7.12	447	0	0	6.3	0	0	0	0	11.6	0	57	0	0
1088487	6/2/1980	WELL	OR13	11	255	1	118	0	38.1	11.3	52	-40	28.1	0	8.2	16.8	-1	4	28	7	-2	17	-2
1088488	6/3/1980	WELL	SR4, SR6	18	0	0	0	35	24.6	10.94	123	0	0	8.7	0	0	0	0	2.6	0	32	0	0
1088489	6/3/1980	WELL	OR13	18	101	1	78	0	31.5	21.8	89	-40	7.4	0	2.3	51.7	-1	-2	19	-4	3	32	4
1088490	6/3/1980	WELL	SR4, SR6	18	0	0	0	71	17.62	11.36	114	0	0	8.7	0	0	0	0	3	0	19	0	0
1088491	6/3/1980	WELL	OR13	18	101	2	70	0	25.5	18.6	77	-40	9.3	0	4.2	47.1	-1	-2	22	5	2	17	3
1088492	6/9/1980	SPRING	SR4, SR6	18	0	0	0	62	32.24	10.34	1189	0	0	8.9	0	0	0	0	5	0	133	0	0
1088493	6/9/1980	SPRING	OR13	18	12	1	132	0	31.1	27.5	125	-40	22.5	0	11.7	51.3	-1	-2	26	4	4	41	-2
1088512	5/8/1980	SPRING	SR4, SR6	17	0	0	0	32	4.29	4.2	120	0	0	3.1	0	0	0	0	0.5	0	41	0	0
1088513	5/8/1980	SPRING	OR13	17	264	1	94	0	8.2	23.6	86	-40	5.8	0	2.4	43.4	-1	5	13	-4	-2	33	5
1088514	5/9/1980	WELL	SR4, SR6	18	0	0	0	0	11.63	9.97	393	0	0	8.2	0	0	0	0	2.1	0	47	0	0
1088515	5/9/1980	WELL	OR13	18	101	1	84	0	16.4	32.2	136	-40	8	0	1.4	54.3	-1	-2	43	-4	3	50	2
1088620	5/15/1980	SPRING	SR4, SR6	50	0	0	0	1740	67.08	19	6316	0	0	16.7	0	0	0	0	-0.1	0	179	0	0
1088621	5/15/1980	SPRING	OR13	50	245	1	187	0	10	19.1	75	110	16	0	13.3	49.2	-1	-2	-4	-4	7	61	156
1088622	5/13/1980	SPRING	SR4, SR6	20	0	0	0	581	64.68	11.22	360	0	0	10.5	0	0	0	0	1.8	0	0	0	0
1088623	5/13/1980	SPRING	OR13	20	231	1	431	0	17.5	34	135	60	14.2	0	20	49.1	-1	-2	-4	-4	2	36	30
1088624	5/15/1980	SPRING	SR4, SR6	19	0	0	0	2065	149.2	45.04	1005	0	0	21.6	0	0	0	0	2.1	0	323	0	0
1088625	5/15/1980	SPRING	OR13	19	33	1	413	0	98.5	32.2	134	-40	15.8	0	20	48.6	-1	8	8	-4	55	132	55
1088626	5/15/1980	WELL	SR4, SR6	25	0	0	0	161	19.29	4.02	220	0	0	9	0	0	0	0	6.4	0	37	0	0
1088627	5/15/1980	WELL	OR13	25	101	1	164	0	14.5	11.5	50	-40	21.5	0	9.5	50	-1	-2	11	-4	3	56	17
1088775	5/18/1980	WELL	SR4, SR6	19	0	0	0	490	33.82	0	1435	0	0	13.3	0	0	0	0	8.4	0	36	0	0
1088776	5/18/1980	WELL	OR13	19	101	1	111	0	18.7	3	26	-40	24.7	0	10.3	39.4	-1	-2	11	-4	-2	87	10
1088777	5/19/1980	WELL	SR4, SR6	20	0	0	0	74	10.42	3.59	184	0	0	3.4	0	0	0	0	-0.1	0	39	0	0
1088778	5/19/1980	WELL	OR13	20	101	1	52	0	7.9	14	53	-40	6.3	0	1.6	48.9	-1	-2	-4	6	-2	-10	21
1088795	5/27/1980	WELL	SR4, SR6	15	0	0	0	63	10.08	11.08	-79	0	0	5.4	0	0	0	0	2.5	0	21	0	0
1088796	5/27/1980	WELL	OR13	15	40	1	75	0	5.4	29.2	99	-40	8.2	0	2.1	50.3	-1	-2	-4	5	-2	18	5
1088877	6/1/1980	WELL	SR4, SR6	11	0	0	0	512	86.7	0	402	0	0	40	0	0	0	0	4.9	0	165	0	0
1088878	6/1/1980	WELL	OR13, OR17	11	1201	-1	639	0	294	5	328	-40	36	0	31	32	-1	4	11	4	13	154	4
1088881	6/1/1980	WELL	SR4, SR6	19	0	0	0	4316	102.58	0	492	0	0	13	0	0	0	0	13.1	0	176	0	0



Table B-2. Reformatted Data from the NURE-HSSR Surface Water Samples from Railroad Valley\*, Nye County, Nevada

Sample Tracking Number	Collection Date	Sample Source	Analytical Methods	Water Temperature (°C)	LI_PPB	BE_PPB	B_PPB	F_PPB	NA_PPM	MG_PPM	AL_PPB	P_PPB	SI_PPM	CL_PPM	K_PPM	CA_PPM	SC_PPB	TI_PPB	V_PPB	CR_PPB	MN_PPB	FE_PPB	CO_PPB
1088882	6/1/1980	WELL	OR13, OR17	19	324	-1	339	0	148	1	131	-40	46	0	8	11	-1	-2	19	-4	10	157	-2
1093416	3/30/1980	WELL	SR4, SR6, SR-GC, SR-HE	15	0	0	0	5942	640.4	0	0	0	0	278.2	0	0	0	0	25.3	0	304	0	0
1093417	3/30/1980	WELL	OR13, OR17	15	17	-1	4239	0	1120	0	183	1530	48	0	8	1	1	6	33	-4	6	119	-2

Methods: SR4 - OR13 - Oak Ridge Emission Spectrochemical Analysis of waters for Ag, Al, B, Ba, Be, Ca, Ce, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Sc, Si, Sr, Ti, V, Y, Zn, and Zr. (Note: Nb and Th are often included in this method.); OR17 - Oak Ridge Atomic Absorption Spectroscopy Analysis of waters for As and Se; Savannah River Neutron Activation Analysis - Neutron Counting of waters for U; SR6 - Savannah River Neutron Activation Analysis of waters for Al, Br, Cl, Dy, F, Mg, Mn, Na, and V. (Western U.S. studies).

Data source: U.S. Geological Survey, 2004, National Uranium Resource Evaluation (NURE) Hydrogeochemical and Stream Sediment Reconnaissance data: U.S. Geological Survey, Denver, CO.

PPB - parts per billion, PPM - parts per million, negative values - not detected or less than listed value

\* Using the boundaries of Railroad Valley defined in the 2022 Mineral Potential Report prepared in support of NASA's proposed withdrawal request.

Table B-2. Reformatted Data from the NURE-HSSR Surface Water Samples from Railroad Valley\*, Nye County, Nevada

Sample Tracking Number	Collection Date	Sample Source	Analytical Methods	Water Temperature (°C)	NI_PPB	CU_PPB	ZN_PPB	BR_PPB	SR_PPB	Y_PPB	ZR_PPB	NB_PPB	MO_PPB	AG_PPB	BA_PPB	CE_PPB	DY_PPB	TH_PPB	U_DN_PPB	U_FL_PPB
1088128	6/3/1980	SPRING	SR4, SR6	12	0	0	0	0	0	0	0	0	0	0	0	0	-0.02	0	2.313	0
1088129	6/3/1980	SPRING	OR13	12	65	3	6	0	119	-1	-2	0	-4	-2	30	-30	0	0	0	0
1088130	6/3/1980	SPRING	SR4, SR6	15	0	0	0	0	0	0	0	0	0	0	0	0	-0.02	0	1.746	0
1088131	6/3/1980	SPRING	OR13	15	-4	-2	6	0	89	-1	-2	0	-4	-2	31	-30	0	0	0	0
1088298	5/12/1980	WELL	SR4, SR6	12	0	0	0	51.3	0	0	0	0	0	0	0	0	-0.02	0	3.276	0
1088299	5/12/1980	WELL	OR13	12	9	13	1259	0	430	-1	-2	0	66	-2	-2	-30	0	0	0	0
1088468	5/29/1980	SPRING	SR4, SR6	28	0	0	0	50.3	0	0	0	0	0	0	0	0	-0.02	0	0.535	0
1088469	5/29/1980	SPRING	OR13	28	12	3	-4	0	452	-1	-2	0	12	-2	94	-30	0	0	0	0
1088470	5/28/1980	SPRING	SR4, SR6	15	0	0	0	26.6	0	0	0	0	0	0	0	0	-0.02	0	-0.002	0
1088471	5/28/1980	SPRING	OR13	15	4	2	-4	0	456	-1	-2	0	14	-2	93	-30	0	0	0	0
1088482	6/1/1980	STREAM	SR4, SR6	11	0	0	0	0	0	0	0	0	0	0	0	0	-0.02	0	-0.002	0
1088483	6/1/1980	STREAM	OR13	11	-4	12	-4	0	360	-1	-2	0	18	-2	22	-30	0	0	0	0
1088484	6/2/1980	SPRING	SR4, SR6	13	0	0	0	0	0	0	0	0	0	0	0	0	-0.02	0	-0.002	0
1088485	6/2/1980	SPRING	OR13	13	7	5	17	0	487	-1	-2	0	36	-2	82	-30	0	0	0	0
1088486	6/2/1980	WELL	SR4, SR6	11	0	0	0	0	0	0	0	0	0	0	0	0	-0.02	0	1.403	0
1088487	6/2/1980	WELL	OR13	11	44	6	-4	0	513	-1	-2	0	-4	-2	14	-30	0	0	0	0
1088488	6/3/1980	WELL	SR4, SR6	18	0	0	0	71.5	0	0	0	0	0	0	0	0	-0.02	0	1.969	0
1088489	6/3/1980	WELL	OR13	18	11	8	34	0	281	-1	-2	0	-4	-2	784	-30	0	0	0	0
1088490	6/3/1980	WELL	SR4, SR6	18	0	0	0	40	0	0	0	0	0	0	0	0	-0.02	0	2.135	0
1088491	6/3/1980	WELL	OR13	18	-4	4	12	0	397	-1	-2	0	9	-2	2111	-30	0	0	0	0
1088492	6/9/1980	SPRING	SR4, SR6	18	0	0	0	231.9	0	0	0	0	0	0	0	0	-0.02	0	3.887	0
1088493	6/9/1980	SPRING	OR13	18	4	7	29	0	406	-1	-2	0	31	-2	727	-30	0	0	0	0
1088512	5/8/1980	SPRING	SR4, SR6	17	0	0	0	0	0	0	0	0	0	0	0	0	-0.02	0	-0.002	0
1088513	5/8/1980	SPRING	OR13	17	4	4	-4	0	205	-1	-2	0	-4	-2	35	-30	0	0	0	0
1088514	5/9/1980	WELL	SR4, SR6	18	0	0	0	65.1	0	0	0	0	0	0	0	0	-0.02	0	-0.002	0
1088515	5/9/1980	WELL	OR13	18	18	48	166	0	253	-1	-2	0	-4	-2	1145	-30	0	0	0	0
1088620	5/15/1980	SPRING	SR4, SR6	50	0	0	0	0	0	0	0	0	0	0	0	0	0.06	0	0.548	0
1088621	5/15/1980	SPRING	OR13	50	-4	7	32	0	312	-1	-2	0	-4	-2	245	-30	0	0	0	0
1088622	5/13/1980	SPRING	SR4, SR6	20	0	0	0	77.6	0	0	0	0	0	0	0	0	-0.02	0	-0.002	0
1088623	5/13/1980	SPRING	OR13	20	10	7	31	0	313	-1	-2	0	-4	-2	-2	-30	0	0	0	0
1088624	5/15/1980	SPRING	SR4, SR6	19	0	0	0	0	0	0	0	0	0	0	0	0	-0.02	0	0.957	0
1088625	5/15/1980	SPRING	OR13	19	-4	10	37	0	422	-1	-2	0	13	-2	4766	-30	0	0	0	0
1088626	5/15/1980	WELL	SR4, SR6	25	0	0	0	29.9	0	0	0	0	0	0	0	0	-0.02	0	-0.002	0
1088627	5/15/1980	WELL	OR13	25	6	15	71	0	317	-1	-2	0	10	-2	15	-30	0	0	0	0
1088775	5/18/1980	WELL	SR4, SR6	19	0	0	0	44.3	0	0	0	0	0	0	0	0	-0.02	0	4.076	0
1088776	5/18/1980	WELL	OR13	19	-4	6	8	0	97	-1	-2	0	-4	-2	-2	-30	0	0	0	0
1088777	5/19/1980	WELL	SR4, SR6	20	0	0	0	13.2	0	0	0	0	0	0	0	0	-0.02	0	-0.002	0
1088778	5/19/1980	WELL	OR13	20	-4	4	226	0	249	-1	-2	0	-4	-2	-2	-30	0	0	0	0
1088795	5/27/1980	WELL	SR4, SR6	15	0	0	0	22.8	0	0	0	0	0	0	0	0	-0.02	0	-0.002	0
1088796	5/27/1980	WELL	OR13	15	-4	6	60	0	304	-1	-2	0	-4	-2	54	-30	0	0	0	0
1088877	6/1/1980	WELL	SR4, SR6	11	0	0	0	0	0	0	0	0	0	0	0	0	-0.02	0	2.658	0
1088878	6/1/1980	WELL	OR13, OR17	11	13	19	38	0	643	-1	3	-4	4	-2	10	-30	0	-5	0	0
1088881	6/1/1980	WELL	SR4, SR6	19	0	0	0	0	0	0	0	0	0	0	0	0	-0.02	0	2.262	0

Table B-2. Reformatted Data from the NURE-HSSR Surface Water Samples from Railroad Valley\*, Nye County, Nevada

Sample Tracking Number	Collection Date	Sample Source	Analytical Methods	Water Temperature (°C)	NI_PPB	CU_PPB	ZN_PPB	BR_PPB	SR_PPB	Y_PPB	ZR_PPB	NB_PPB	MO_PPB	AG_PPB	BA_PPB	CE_PPB	DY_PPB	TH_PPB	U_DN_PPB	U_FL_PPB	
1088882	6/1/1980	WELL	OR13, OR17	19	16	13	40	0	97	-1	-2	-4	7	-2	5	-30	0	-5	0	0	
1093416	3/30/1980	WELL	SR4, SR6, SR-GC, SR-HE	15	0	0	0	1320	0	0	0	0	0	0	0	0	0	0	0	6.524	0
1093417	3/30/1980	WELL	OR13, OR17	15	8	8	18	0	43	-1	-2	-4	14	3	6	-30	0	-5	0	0	

Methods: SR4 - OR13 - Oak Ridge Emission Spectrochemical Analysis of waters for Ag, Al, B, Ba, Be, Ca, Ce, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Sc, Si, Sr, Ti, V, Y, Zn, and Zr. (Note: Nb and Th are often included in this method.); OR17 - Oak Ridge Atomic Absorption Spectroscopy Analysis of waters for As and Se; Savannah River Neutron Activation Analysis - Neutron Counting of waters for U; SR6 - Savannah River Neutron Activation Analysis of waters for Al, Br, Cl, Dy, F, Mg, Mn, Na, and V. (Western U.S. studies).

Data source: U.S. Geological Survey, 2004, National Uranium Resource Evaluation (NURE) Hydrogeochemical and Stream Sediment Reconnaissance data: U.S. Geological Survey, Denver, CO.

PPB - parts per billion, PPM - parts per million, negative values - not detected or less than listed value

\* Using the boundaries of Railroad Valley defined in the 2022 Mineral Potential Report prepared in support of NASA's proposed withdrawal request.

Table B-1. Reformatted Data from the NURE-HSSR Sediment Samples from Railroad Valley\*, Nye County, Nevada

Sample Tracking Number	Collection Date	Sample Source	Analytical Methods	EU_PPM	DY_PPM	YB_PPM	LU_PPM	HF_PPM	W_PPM	AU_PPM	PB_PPM	TH_PPM	U_DN_PPM
5140619	6/1/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	11	10	3.9
5140620	6/1/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	16	9	3.8
5140621	6/1/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	22	15	3.5
5140622	6/1/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	18	12	3.5
5140623	6/1/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	15	6	3
5140624	6/1/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	13	10	3.4
5140625	6/1/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	24	10	3.4
5140626	6/1/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	26	10	3
5140627	6/1/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	11	16	3.4
5140636	6/2/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	13	11	3.2
5140638	6/2/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	17	6	3.2
5140639	6/2/1980	STREAM	OR2, OR7	0	0	0	0	27	0	0	10	5	3.7
5140640	6/2/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	15	15	3.2
5140641	6/2/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	11	4	3.3
5140646	6/3/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	17	11	3.4
5140647	6/2/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	14	3	3.6
5140649	6/3/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	12	9	3.5
5140650	6/2/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	12	10	3.1
5141116	5/11/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	15	8	0
5141118	5/11/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	19	10	0
5141119	5/11/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	16	11	0
5141120	5/11/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	22	10	0
5141121	5/11/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	13	9	0
5141124	5/11/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	19	8	0
5141125	5/11/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	-2	0
5141127	5/11/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	13	10	0
5141128	5/11/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	21	16	0
5141132	5/11/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	6	0
5141133	5/11/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	16	8	0
5141134	5/11/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	13	0
5141136	5/11/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	11	0
5141137	5/11/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	11	11	0
5141138	5/11/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	13	8	0
5141139	5/11/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	8	0
5141141	5/11/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	16	14	0
5141143	5/11/1980	STREAM	OR1, OR7	0	0	0	0	15	0	0	18	19	0
5141144	5/11/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	21	14	0
5141145	5/11/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	14	6	0
5141147	5/11/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	13	15	0
5141148	5/11/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	25	14	0
5141149	5/12/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	10	0
5141150	5/12/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	13	15	0
5141151	5/12/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	7	0
5141152	5/11/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	10	4	0
5141153	5/12/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	15	10	0
5141154	5/12/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	15	7	0
5141155	5/12/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	18	13	0
5141156	5/12/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	19	17	0
5141162	5/12/1980	STREAM	OR1, OR7	0	0	0	0	19	0	0	21	8	0
5141164	5/12/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	21	13	0
5141226	6/9/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	14	11	0
5141546	5/28/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	3	0
5141547	5/28/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	22	7	0
5141563	5/28/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	11	0
5141564	5/29/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	14	8	0
5141565	5/29/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	20	6	0



Table B-1. Reformatted Data from the NURE-HSSR Sediment Samples from Railroad Valley\*, Nye County, Nevada

Sample Tracking Number	Collection Date	Sample Source	Analytical Methods	LI_PPM	BE_PPM	NA_PCT	MG_PCT	AL_PCT	K_PCT	CA_PCT	SC_PPM	TI_PPM	V_PPM	CR_PPM	MN_PPM	FE_PCT	CO_PPM	NI_PPM	CU_PPM	ZN_PPM	SR_PPM	NB_PPM	AG_PPM	BA_PPM	LA_PPM	CE_PPM	SM_PPM
5141566	5/29/1980	STREAM	OR1,OR7	31	2	1.43	2.97	5.78	1.55	6.87	4	2601	56	23	417	2.05	5	14	17	51	341	12	-2	624	40	71	0
5141568	5/29/1980	STREAM	OR1,OR7	35	1	1.27	3.93	5.06	1.38	9.48	4	1867	36	17	352	1.48	4	11	12	40	340	11	-2	565	26	47	0
5141606	6/1/1980	STREAM	OR1,OR7	93	2	0.67	2.66	6.42	1.8	9.64	7	2348	69	42	557	2.56	7	39	21	156	520	12	-2	691	27	52	0
5141607	6/1/1980	STREAM	OR1,OR7	93	1	1.62	2.71	5.42	1.87	8.28	5	1860	56	26	412	1.8	5	17	15	59	543	10	-2	702	23	45	0
5141608	6/1/1980	STREAM	OR1,OR7	78	2	0.98	2.09	6.16	1.79	7.76	5	2057	49	28	489	2	6	20	16	67	321	12	-2	621	30	58	0
5141609	6/1/1980	STREAM	OR1,OR7	65	2	1.38	2.39	6.34	2.23	8.55	5	1975	41	21	460	1.72	4	15	14	55	399	10	-2	731	30	53	0
5141610	6/1/1980	STREAM	OR1,OR7	64	2	1.3	2.17	5.79	1.76	8.38	5	1896	44	23	401	1.68	5	15	14	54	465	11	-2	766	25	48	0
5141611	6/1/1980	STREAM	OR1,OR7	85	1	1.84	2.15	6.5	2.08	8.28	6	2811	58	30	444	2.03	5	19	13	73	515	13	-2	757	43	77	0
5141612	6/2/1980	STREAM	OR1,OR7	50	1	1.3	2.24	5.77	1.88	8.26	4	1803	38	20	389	1.48	5	12	12	45	383	10	-2	742	33	58	0
5141613	6/2/1980	STREAM	OR1,OR7	125	1	2.1	2.39	5.44	2.07	9.58	5	1932	53	29	465	1.75	5	19	15	68	483	10	-2	563	25	42	0
5141614	6/2/1980	STREAM	OR1,OR7	37	1	1.14	3.92	4.38	1.33	11.24	3	1256	26	13	285	1	-4	6	8	27	336	10	-2	571	18	32	0
5141615	6/2/1980	STREAM	OR1,OR7	45	1	1.04	3.14	5.02	1.52	11.21	4	1653	38	19	386	1.53	5	14	13	46	334	12	-2	535	23	45	0
5141616	6/2/1980	STREAM	OR1,OR7	180	1	2.04	3.69	4.87	1.75	10.35	3	1354	32	16	299	1.22	-4	11	10	37	782	7	-2	765	17	30	0
5141617	6/2/1980	STREAM	OR1,OR7	138	1	2.51	2.61	5.72	2.22	9.1	5	1829	59	30	440	1.91	4	20	16	64	594	9	-2	734	21	39	0
5141618	6/2/1980	STREAM	OR1,OR7	36	1	1.07	3.65	4.24	1.21	13.27	4	1369	34	20	337	1.36	4	16	10	40	271	10	-2	417	22	40	0
5141619	6/2/1980	STREAM	OR1,OR7	88	2	1.27	2.49	6.02	2.07	7.81	5	1827	50	26	365	1.73	4	18	14	62	655	10	-2	869	27	47	0
5141620	6/2/1980	STREAM	OR1,OR7	122	2	2.03	2.91	6.46	2.48	7.51	5	1876	60	30	387	1.89	5	20	16	63	908	10	-2	935	25	47	0
5141621	6/2/1980	STREAM	OR1,OR7	146	2	3	2.89	7.02	2.53	4.77	7	2486	90	36	524	2.62	7	26	20	80	477	11	-2	694	26	48	0
5141622	6/2/1980	STREAM	OR1,OR7	122	2	1.8	2.61	6.01	2.29	7.23	6	2134	70	36	454	2.24	6	25	19	80	658	11	-2	606	27	52	0
5141623	6/2/1980	STREAM	OR1,OR7	110	2	2.66	1.81	7.93	2.78	4.91	4	1845	66	21	344	1.65	4	16	12	49	684	8	-2	1163	33	56	0
5141624	6/2/1980	STREAM	OR1,OR7	200	2	2.17	3.07	6.5	2.67	3.57	7	2056	120	34	564	2.75	8	26	22	91	347	10	-2	453	21	41	0
5141625	6/2/1980	STREAM	OR1,OR7	118	1	2.02	2.84	6	2.28	6.06	4	1597	35	17	269	1.23	-4	10	9	36	981	8	-2	947	28	49	0
5141626	6/2/1980	STREAM	OR1,OR7	247	1	2.11	4.08	4.06	2.15	8.05	3	1231	41	16	300	1.3	4	14	13	39	1255	8	-2	416	14	26	0
5141627	6/2/1980	STREAM	OR1,OR7	128	2	1.17	2.37	6.06	2.12	8.68	5	2000	45	23	504	2.01	5	15	15	65	480	11	-2	663	26	49	0
5141628	6/3/1980	STREAM	OR1,OR7	54	2	1.5	2.4	6.73	2.17	8.54	5	2044	41	19	476	1.78	5	16	11	50	443	11	-2	801	29	50	0
5141629	6/3/1980	STREAM	OR1,OR7	38	1	1.25	2.03	5.71	1.65	8.69	4	1689	33	16	338	1.38	4	11	9	41	426	9	-2	744	28	52	0
5141630	6/3/1980	STREAM	OR1,OR7	50	2	1.17	1.86	5.93	1.75	8.51	5	1843	43	25	500	1.69	5	15	15	54	478	10	-2	757	27	53	0
5141631	6/3/1980	STREAM	OR1,OR7	65	2	1.13	2.04	6.03	1.86	8.11	5	1994	51	30	501	1.98	5	20	18	67	475	10	-2	822	22	42	0
5141632	6/3/1980	STREAM	OR1,OR7	46	1	1.33	2.44	6.02	1.87	8	4	2037	34	16	333	1.53	-4	12	10	42	419	9	-2	774	33	56	0
5141633	6/3/1980	STREAM	OR1,OR7	91	2	1.59	1.91	6.83	2.25	6.38	5	2142	44	20	448	1.78	5	20	12	84	497	12	-2	838	35	65	0
5141634	6/3/1980	STREAM	OR1,OR7	68	2	1.66	1.87	6.86	2.31	5.86	4	2061	40	19	490	1.7	4	12	10	52	467	11	-2	867	34	61	0
5141635	6/3/1980	STREAM	OR1,OR7	87	2	1.14	2.42	6.55	2.03	7.4	6	2258	65	39	481	2.22	6	26	20	79	528	10	-2	855	27	52	0
5141636	6/3/1980	STREAM	OR1,OR7	65	1	1.27	2.37	5.66	1.62	7.82	5	2591	53	27	349	1.69	4	16	13	49	662	13	-2	859	35	65	0
5141637	6/3/1980	STREAM	OR1,OR7	65	1	1.94	2.1	6.34	1.94	7.29	4	1743	33	16	305	1.24	-4	9	10	44	762	9	-2	1046	28	48	0
5141638	6/3/1980	STREAM	OR1,OR7	97	2	1.84	2.28	6.68	2.49	6.35	4	1900	39	18	498	1.69	-4	10	15	62	669	10	-2	936	26	48	0
5141639	6/3/1980	STREAM	OR1,OR7	89	2	1.48	2.5	6.44	2.24	7.06	4	1761	39	19	441	1.66	4	11	15	54	671	12	-2	833	26	51	0
5141640	6/3/1980	STREAM	OR1,OR7	33	2	1.76	0.97	7.1	1.9	3.86	4	2596	48	18	439	1.95	4	9	9	49	421	15	-2	916	73	139	0
5141641	6/3/1980	STREAM	OR1,OR7	33	2	1.63	0.95	7.1	1.84	4.01	4	2445	43	16	460	1.86	5	7	8	47	426	14	-2	843	86	154	0
5141642	6/3/1980	STREAM	OR1,OR7	44	2	1.56	1.06	7	2.03	2.31	5	2387	47	21	496	2.12	6	14	12	56	351	13	-2	784	39	85	0
5141643	6/4/1980	STREAM	OR1,OR7	55	2	1.67	1.38	7.57	2.26	2.5	6	2809	55	26	531	2.43	5	13	66	64	341	15	-2	795	40	82	0
5141644	6/4/1980	STREAM	OR1,OR7	44	2	1.21	1.63	6.33	1.72	3.9	5	2732	59	30	422	2.34	4	19	15	58	352	14	-2	735	60	115	0
5141645	6/4/1980	SOIL	OR1,OR7	127	2	3.94	2.73	5.03	1.72	4.92	7	1747	76	33	466	2.38	6	20	29	75	325	9	-2	375	17	42	0
5141646	6/4/1980	SOIL	OR1,OR7	138	2	3.62	2.88	5.25	1.83	5.34	8	1806	78	36	489	2.51	6	19	26	76	350	10	-2	394	19	44	0
5141647	6/4/1980	SOIL	OR1,OR7	183	2	2.17	3.37	6.09	2.28	3.99	7	1998	92	41	553	2.89	8	26	25	94	308	11	-2	377	20	54	0
5141648	6/4/1980	STREAM	OR1,OR7	124	2	2.08	2.76	5.57	1.93	4.69	6	2118	67	35	464	2.38	6	20	17	67	412	11	-2	586	29	58	0
5141649	6/5/1980	STREAM	OR1,OR7	177	2	1.87	2.9	5.49	2.1	6.62	5	1891	55	27	429	2.02	5	21	16	59	593	10	-2	607	27	53	0
5141650	6/4/1980	STREAM	OR1,OR7	28	2	1.33	2.69	5.76	1.66	6.58	4	1785	41	21	330	1.54	-4	15	12	43	335	11	-2	865	32	61	0
5141651	6/5/1980	STREAM	OR1,OR7	191	2	1.61	2.87	5.66	2.21	6.25	5	1831	53	22	425	1.76	-4	14	15	53	429	12	-2	697	23	44	0
5141652	6/5/1980	STREAM	OR1,OR7	36	2	1.44	1.49	6.69	1.98	3.59	5	2653	48	21	453	2.02	6	11	10	56	398	16	-2	817	43	81	0
5141653	6/5/1980	STREAM	OR1,OR7	50	2	1.6	1.13	7.2	2.31	2.64	5	3062	56	26	534	2.33	5	14	11	71	390	16	-2	791	43	79	0
5141654	6/5/1980	STREAM	OR1,OR7	34	2	1.5	0.83	6.91	2.07	3.54	5	3328	68	25	455	2.27	4	14	12	69	404	16	-2	982	57	102	0
5141655	6/5/1980	STREAM	OR1,OR7	41	2	1.67	1.01	7.25	2.23	2.6	5	4404	70	20	594	2.8	5	9	7	76	431	18	-2	851	67	123	0
5141656	6/5/1980	STREAM	OR1,OR7	38	2	1.52	1.81	6.46	1.97	4.57	5	3006	51	21	418	1.99	4	10	6	53	425	15	-2	818	43	76	0
5141657	6/5/1980	STREAM	OR1,OR7	58	2	1.69	1.23																				

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Sample Tracking Number	Collection Date	Sample Source	Analytical Methods	EU_PPM	DY_PPM	YB_PPM	LU_PPM	HF_PPM	W_PPM	AU_PPM	PB_PPM	TH_PPM	U_DN_PPM
5141566	5/29/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	14	14	0
5141568	5/29/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	18	9	0
5141606	6/1/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	17	9	0
5141607	6/1/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	9	0
5141608	6/1/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	16	17	0
5141609	6/1/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	12	0
5141610	6/1/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	13	6	0
5141611	6/1/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	11	0
5141612	6/2/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	7	0
5141613	6/2/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	19	6	0
5141614	6/2/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	6	0
5141615	6/2/1980	STREAM	OR1, OR7	0	0	0	0	15	0	0	10	9	0
5141616	6/2/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	8	0
5141617	6/2/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	9	0
5141618	6/2/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	11	6	0
5141619	6/2/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	15	6	0
5141620	6/2/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	13	11	0
5141621	6/2/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	15	14	0
5141622	6/2/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	11	16	0
5141623	6/2/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	19	8	0
5141624	6/2/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	13	10	0
5141625	6/2/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	14	7	0
5141626	6/2/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	-2	0
5141627	6/2/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	11	11	0
5141628	6/3/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	16	5	0
5141629	6/3/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	13	9	0
5141630	6/3/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	11	14	0
5141631	6/3/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	-2	0
5141632	6/3/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	17	9	0
5141633	6/3/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	14	10	0
5141634	6/3/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	17	11	0
5141635	6/3/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	11	13	0
5141636	6/3/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	15	14	0
5141637	6/3/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	11	11	0
5141638	6/3/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	14	9	0
5141639	6/3/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	12	0
5141640	6/3/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	19	13	0
5141641	6/3/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	22	15	0
5141642	6/3/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	15	11	0
5141643	6/4/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	15	9	0
5141644	6/4/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	24	18	0
5141645	6/4/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	-10	10	0
5141646	6/4/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	14	6	0
5141647	6/4/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	12	6	0
5141648	6/4/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	19	6	0
5141649	6/5/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	19	11	0
5141650	6/4/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	5	0
5141651	6/5/1980	STREAM	OR1, OR7	0	0	0	0	22	0	0	11	-2	0
5141652	6/5/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	15	0
5141653	6/5/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	13	0
5141654	6/5/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	19	0
5141655	6/5/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	21	0
5141656	6/5/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	9	0
5141657	6/5/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	6	0
5141658	6/5/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	15	0
5141659	6/5/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	26	0

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Sample Tracking Number	Collection Date	Sample Source	Analytical Methods	LI_PPM	BE_PPM	NA_PCT	MG_PCT	AL_PCT	K_PCT	CA_PCT	SC_PPM	TI_PPM	V_PPM	CR_PPM	MN_PPM	FE_PCT	CO_PPM	NI_PPM	CU_PPM	ZN_PPM	SR_PPM	NB_PPM	AG_PPM	BA_PPM	LA_PPM	CE_PPM	SM_PPM
5141661	6/5/1980	STREAM	OR1,OR7	48	2	1.68	1.13	7.33	2.41	2.99	6	2888	59	26	494	2.21	5	14	13	68	415	15	-2	871	45	83	0
5141673	6/5/1980	STREAM	OR1,OR7	50	2	1.37	1.49	6.8	2.07	4.23	5	2942	61	26	470	2.28	5	14	13	70	388	15	-2	758	52	93	0
5141674	6/9/1980	STREAM	OR1,OR7	39	2	1.74	1.04	6.96	2.26	4.33	4	2755	48	16	340	1.78	4	9	7	49	502	16	-2	894	71	124	0
5141675	6/9/1980	STREAM	OR1,OR7	43	2	1.02	2.05	5.83	1.83	8.06	5	2245	43	25	452	1.79	5	13	11	64	361	17	-2	671	33	65	0
5141676	5/4/1980	SOIL	OR1,OR7	41	2	1.17	1.66	6.15	1.87	5.56	5	2678	49	22	439	1.89	5	12	9	55	389	15	-2	738	37	67	0
5141677	5/4/1980	SOIL	OR1,OR7	46	2	1.38	1.74	6.33	2.08	5.36	4	2156	42	24	448	1.65	4	13	8	50	408	14	-2	766	34	59	0
5141679	5/4/1980	STREAM	OR1,OR7	43	2	1.37	1.31	6.6	2.34	4.31	4	2043	39	22	410	1.67	4	12	9	61	377	15	-2	787	39	70	0
5141683	5/5/1980	SOIL	OR1,OR7	34	2	1.04	2.42	5.35	1.59	7.89	4	2174	43	23	390	1.68	4	13	12	55	326	14	-2	619	29	51	0
5141685	5/5/1980	SOIL	OR1,OR7	28	1	0.89	2.77	4.75	1.31	9.39	4	1608	35	20	333	1.32	4	18	68	74	283	15	-2	530	23	44	0
5142058	5/14/1980	STREAM	OR1,OR7	65	2	1.77	0.84	7.72	2.2	3.74	4	2182	44	15	363	1.76	-4	7	6	45	547	11	-2	819	42	68	0
5142059	5/14/1980	STREAM	OR1,OR7	32	2	1.63	0.65	8.53	1.94	2.27	5	2399	54	16	480	2.13	5	9	6	53	463	11	-2	812	40	70	0
5142060	5/14/1980	STREAM	OR1,OR7	42	2	1.95	0.66	8.68	2.45	2	4	2090	41	14	397	1.79	-4	6	5	46	458	11	-2	856	41	70	0
5142061	5/15/1980	STREAM	OR1,OR7	39	2	1.6	0.81	7.92	2.1	1.98	5	2468	46	18	454	2.02	5	10	7	55	401	12	-2	806	40	72	0
5142063	5/15/1980	STREAM	OR1,OR7	27	2	1.27	0.79	7.86	1.6	2.45	6	2779	65	23	504	2.61	6	9	6	63	445	13	-2	742	41	80	0
5142064	5/15/1980	STREAM	OR1,OR7	33	2	1.7	0.67	8.29	2.17	1.77	5	2261	44	16	463	1.95	4	8	7	52	400	12	-2	764	36	62	0
5142065	5/15/1980	STREAM	OR1,OR7	37	2	1.7	0.62	7.85	2.1	2.51	4	2223	41	11	320	1.6	-4	3	3	54	489	12	-2	884	44	74	0
5142066	5/15/1980	STREAM	OR1,OR7	54	2	1.62	0.91	7.6	2.3	3.14	4	2032	39	13	424	1.61	-4	6	7	49	442	12	-2	801	37	66	0
5142067	5/15/1980	STREAM	OR1,OR7	45	2	1.71	0.7	7.73	2.18	2.61	4	2460	47	12	341	1.67	-4	2	4	43	473	11	-2	841	43	75	0
5142068	5/15/1980	STREAM	OR1,OR7	81	2	1.47	0.8	7.25	1.9	3.91	3	2304	46	11	293	1.64	-4	3	3	45	640	12	-2	852	43	71	0
5142069	5/15/1980	STREAM	OR1,OR7	79	2	1.64	0.85	7.35	2.17	2.84	4	2338	46	12	323	1.69	-4	4	4	49	527	10	-2	805	47	73	0
5142070	5/15/1980	STREAM	OR1,OR7	36	2	1.56	0.68	7.68	2.02	2.23	4	2344	48	13	395	1.83	4	6	6	50	423	11	-2	827	41	71	0
5142071	5/15/1980	STREAM	OR1,OR7	42	2	1.66	0.72	7.64	2.21	3.14	3	1664	31	9	291	1.3	-4	7	5	38	484	10	-2	889	37	64	0
5142072	5/15/1980	STREAM	OR1,OR7	51	2	1.64	0.93	7.5	1.92	3.41	4	2497	49	15	392	1.95	4	9	5	55	579	13	-2	809	72	121	0
5142073	5/15/1980	STREAM	OR1,OR7	38	2	1.73	0.63	7.87	2.14	2.24	4	2306	48	51	374	1.78	4	36	5	48	418	11	-2	846	49	81	0
5142074	5/15/1980	STREAM	OR1,OR7	40	2	1.41	0.91	6.95	1.86	3.79	4	1955	37	12	386	1.52	-4	6	6	48	445	11	-2	734	36	61	0
5142075	5/15/1980	STREAM	OR1,OR7	36	2	1.56	0.64	7.9	2.11	2.23	4	2137	38	12	384	1.69	-4	5	6	51	389	11	-2	847	38	63	0
5142076	5/15/1980	STREAM	OR1,OR7	36	2	1.63	0.69	8.07	2.19	2.23	5	2483	47	14	441	1.87	4	6	7	53	398	13	-2	838	41	73	0
5142077	5/15/1980	STREAM	OR1,OR7	33	2	1.71	0.58	8.06	2.24	1.76	4	2145	40	12	417	1.66	4	6	6	49	384	13	-2	856	43	78	0
5142082	5/16/1980	STREAM	OR1,OR7	27	2	1.54	0.59	8.1	2.15	1.8	4	1952	37	11	432	1.68	4	8	5	48	378	12	-2	777	40	69	0
5142083	5/15/1980	STREAM	OR1,OR7	39	2	1.75	0.77	8.16	1.96	2.43	5	2826	52	40	413	2.16	6	24	5	45	482	13	-2	892	51	95	0
5142085	5/16/1980	STREAM	OR1,OR7	35	2	1.67	0.57	7.72	2.12	3.07	4	1908	36	11	304	1.42	-4	4	5	39	483	11	-2	898	40	67	0
5142086	5/15/1980	STREAM	OR1,OR7	28	2	1.69	0.49	8.1	2.07	1.84	4	1941	44	13	292	1.52	4	5	6	43	430	13	2	837	45	78	0
5142087	5/16/1980	STREAM	OR1,OR7	31	2	1.47	0.69	7.55	1.85	3.36	4	1754	35	11	338	1.5	-4	4	6	43	467	11	-2	768	32	55	0
5142088	5/16/1980	STREAM	OR1,OR7	28	2	1.72	0.54	8.46	2.14	1.76	4	2355	48	12	402	1.96	4	5	5	51	430	12	-2	842	47	77	0
5142089	5/16/1980	STREAM	OR1,OR7	31	2	1.86	0.57	8.74	2.24	1.8	5	2605	52	24	437	2.13	4	15	5	56	434	11	-2	857	44	72	0
5142090	5/16/1980	STREAM	OR1,OR7	29	2	1.66	0.6	8.41	2.11	1.71	5	2273	46	14	390	1.91	4	7	6	50	412	11	-2	831	42	71	0
5142095	5/16/1980	STREAM	OR1,OR7	40	2	1.04	1.7	7.24	1.92	5.3	7	2623	57	25	687	2.53	7	13	12	77	317	12	-2	557	34	67	0
5142096	5/16/1980	STREAM	OR1,OR7	32	2	1.37	1.06	7.35	1.92	3.5	5	1796	36	14	535	1.61	5	6	7	48	377	12	-2	785	35	66	0
5142097	5/19/1980	STREAM	OR1,OR7	36	1	1.74	0.8	7.84	2.16	2.62	4	2294	39	25	420	1.79	-4	6	5	68	405	11	-2	843	41	73	0
5142098	5/19/1980	STREAM	OR1,OR7	33	2	1.63	0.79	7.65	1.98	2.44	4	2248	39	14	446	1.74	4	5	6	57	414	12	-2	831	45	78	0
5142099	5/19/1980	STREAM	OR1,OR7	38	2	1.88	0.71	8.08	2.28	2.16	4	2058	34	12	524	1.68	-4	6	5	49	422	11	-2	876	35	60	0
5142100	5/19/1980	STREAM	OR1,OR7	33	2	1.54	0.88	7.37	1.88	3.01	4	2176	38	13	433	1.72	-4	6	4	48	440	10	-2	815	38	63	0
5142101	5/19/1980	STREAM	OR1,OR7	40	1	1.69	1.01	7.4	2.13	3.87	4	2077	36	12	436	1.64	-4	6	5	47	488	10	-2	820	35	57	0
5142102	5/19/1980	STREAM	OR1,OR7	40	1	1.84	0.79	7.62	2.24	2.76	4	2185	38	13	379	1.68	4	6	6	50	434	10	-2	844	42	73	0
5142103	5/15/1980	STREAM	OR1,OR7	30	2	1.58	0.88	8.07	1.94	1.7	6	2903	56	15	539	2.64	6	9	8	73	402	14	-2	777	35	67	0
5142104	5/16/1980	STREAM	OR1,OR7	42	1	0.56	1.09	2.32	0.7	3.58	2	448	16	7	289	1.09	-4	6	6	40	270	-4	-2	232	16	31	0
5142105	5/16/1980	STREAM	OR1,OR7	42	1	1.44	1.31	7.1	1.98	5.06	5	1909	35	15	493	1.75	4	8	8	53	459	11	-2	812	33	61	0
5142106	5/16/1980	STREAM	OR1,OR7	26	1	0.85	1.2	5.27	1.2	11.69	5	1616	44	19	381	1.66	5	10	11	53	432	12	-2	731	25	52	0
5142107	5/16/1980	STREAM	OR1,OR7	39	1	1.23	1.58	6.56	1.78	5.28	5	2074	43	21	548	1.95	5	10	10	66	332	12	-2	613	33	62	0
5142108	5/16/1980	STREAM	OR1,OR7	35	1	1.11	1.62	6.38	1.65	5.65	5	2001	41	20	516	1.91	4	10	9	57	326	12	-2	596	28	53	0
5142112	5/16/1980	STREAM	OR1,OR7	37	2	1.69	0.91	7.43	2.07	3.71	4	1943	34	12	396	1.52	4	6	6	45	500	11	-2	910	39	69	0
5142113	5/16/1980	STREAM	OR1,OR7	29	1	1.1	2.34	5.29	1.35	9.28	3	1356	25	11	331	1.08	-4	5	6	30	404	9	-2	630	30	54	0
5142114	5/16/1980	STREAM	OR1,OR7	48	2	1.83	0.91	7.75	2.28	3.49	4	1882	32	11	357	1.52	-4	3	5	44	522	11	-2	909	39	68	0
5142115	5/16/1980	STREAM	OR1,OR7	17	-1	0.23	0.57	1.43	0.4	2.74	1	329	11														

Table B-1. Reformatted Data from the NURE-HSSR Sediment Samples from Railroad Valley\*, Nye County, Nevada

Sample Tracking Number	Collection Date	Sample Source	Analytical Methods	EU_PPM	DY_PPM	YB_PPM	LU_PPM	HF_PPM	W_PPM	AU_PPM	PB_PPM	TH_PPM	U_DN_PPM
5141661	6/5/1980	STREAM	OR1, OR7	0	0	0	0	17	0	0	-10	14	0
5141673	6/5/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	21	0
5141674	6/9/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	19	0
5141675	6/9/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	14	0
5141676	5/4/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	-10	10	0
5141677	5/4/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	-10	13	0
5141679	5/4/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	19	0
5141683	5/5/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	-10	15	0
5141685	5/5/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	-10	14	0
5142058	5/14/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	17	12	0
5142059	5/14/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	21	18	0
5142060	5/14/1980	STREAM	OR1, OR7	0	0	0	0	17	0	0	16	9	0
5142061	5/15/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	21	18	0
5142063	5/15/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	17	13	0
5142064	5/15/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	13	13	0
5142065	5/15/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	18	9	0
5142066	5/15/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	18	16	0
5142067	5/15/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	17	19	0
5142068	5/15/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	17	16	0
5142069	5/15/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	23	9	0
5142070	5/15/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	29	13	0
5142071	5/15/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	14	12	0
5142072	5/15/1980	STREAM	OR1, OR7	0	0	0	0	15	0	0	14	16	0
5142073	5/15/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	19	13	0
5142074	5/15/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	26	18	0
5142075	5/15/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	29	18	0
5142076	5/15/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	17	11	0
5142077	5/15/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	20	18	0
5142082	5/16/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	19	18	0
5142083	5/15/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	20	16	0
5142085	5/16/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	22	13	0
5142086	5/15/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	23	14	0
5142087	5/16/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	18	13	0
5142088	5/16/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	13	15	0
5142089	5/16/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	16	5	0
5142090	5/16/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	12	12	0
5142095	5/16/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	17	0
5142096	5/16/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	20	9	0
5142097	5/19/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	12	8	0
5142098	5/19/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	13	13	0
5142099	5/19/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	20	6	0
5142100	5/19/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	8	0
5142101	5/19/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	4	0
5142102	5/19/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	24	12	0
5142103	5/15/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	13	10	0
5142104	5/16/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	9	0
5142105	5/16/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	12	12	0
5142106	5/16/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	15	10	0
5142107	5/16/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	18	12	0
5142108	5/16/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	14	13	0
5142112	5/16/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	11	11	0
5142113	5/16/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	8	0
5142114	5/16/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	11	8	0
5142115	5/16/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	6	0
5142116	5/16/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	16	4	0
5142118	6/5/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	-10	6	0



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Sample Tracking Number	Collection Date	Sample Source	Analytical Methods	LI_PPM	BE_PPM	NA_PCT	MG_PCT	AL_PCT	K_PCT	CA_PCT	SC_PPM	TI_PPM	V_PPM	CR_PPM	MN_PPM	FE_PCT	CO_PPM	NI_PPM	CU_PPM	ZN_PPM	SR_PPM	NB_PPM	AG_PPM	BA_PPM	LA_PPM	CE_PPM	SM_PPM
5142119	6/5/1980	SOIL	OR1,OR7	118	1	1.93	2.61	4.96	1.68	7.36	6	1854	57	28	449	2.06	5	18	13	75	446	10	-2	515	21	43	0
5142120	6/5/1980	SOIL	OR1,OR7	123	1	3.11	2.66	5.18	1.78	5.47	6	1728	63	26	451	2.12	6	19	13	78	381	10	-2	500	19	37	0
5142121	6/5/1980	SOIL	OR1,OR7	109	1	2.75	2.6	4.93	1.59	5.48	6	1699	61	26	440	2.05	6	22	13	75	372	10	-2	486	19	41	0
5142122	6/5/1980	SOIL	OR1,OR7	104	1	2.62	2.61	4.88	1.49	5.54	6	1682	61	26	441	2.09	6	18	13	81	374	10	-2	484	21	43	0
5142124	6/5/1980	STREAM	OR1,OR7	43	1	0.61	2.14	5.42	1.18	7.09	6	2159	57	47	465	2.12	6	29	15	93	216	8	-2	436	21	40	0
5142125	6/5/1980	STREAM	OR1,OR7	42	1	2.81	2.5	3.9	1.07	10.25	3	1442	22	15	249	0.88	-4	5	3	25	755	11	-2	835	24	45	0
5142126	6/5/1980	SOIL	OR1,OR7	96	1	2.91	2.51	4.23	1.24	9.07	6	1680	44	28	381	1.73	5	18	10	66	427	11	-2	490	17	40	0
5142141	6/6/1980	STREAM	OR1,OR7	57	2	1.29	1.46	6.19	1.86	10.36	5	2188	49	24	471	2.01	5	12	15	80	525	12	-2	622	22	42	0
5142142	6/6/1980	SOIL	OR1,OR7	87	2	1.15	2.95	5.35	1.58	7.06	5	1964	47	20	455	1.61	5	11	10	50	805	9	-2	704	23	48	0
5142143	6/6/1980	SOIL	OR1,OR7	101	2	1.34	3.01	5.59	1.84	7.12	5	1983	47	20	455	1.62	4	11	11	50	822	9	-2	723	22	40	0
5142148	6/7/1980	STREAM	OR1,OR7	41	2	1.27	1.28	6.1	1.98	4.9	5	2320	57	23	449	1.83	5	11	12	56	415	13	-2	642	33	62	0
5142149	6/7/1980	STREAM	OR1,OR7	40	2	1.18	1.48	5.62	1.94	6.06	5	1967	53	21	485	1.72	4	10	10	54	369	13	-2	605	29	54	0
5142151	6/7/1980	STREAM	OR1,OR7	32	2	0.93	1.48	5.1	1.58	7.47	5	2000	55	21	440	1.75	5	10	11	52	384	13	-2	569	29	58	0
5142152	6/7/1980	STREAM	OR1,OR7	33	1	0.85	1.14	4.24	1.5	5.86	4	1749	47	18	336	1.49	4	11	9	44	304	12	-2	443	26	53	0
5142154	6/7/1980	SOIL	OR1,OR7	85	1	1.58	2.45	4.49	1.97	7.34	4	1473	48	16	342	1.33	4	8	9	42	617	10	-2	503	18	35	0
5142155	6/7/1980	SOIL	OR1,OR7	58	1	1.68	2.1	4.52	1.69	7.94	4	1581	45	16	333	1.32	-4	10	9	41	635	11	-2	551	19	34	0
5142156	6/7/1980	STREAM	OR1,OR7	63	1	1.81	2.09	4.59	1.83	7.86	4	1581	44	16	330	1.29	-4	8	8	43	644	11	-2	556	19	32	0
5142157	6/7/1980	STREAM	OR1,OR7	35	2	0.94	1.6	5.01	1.66	8.19	4	1737	45	18	409	1.52	4	9	10	47	338	13	-2	519	22	44	0
5142158	6/7/1980	STREAM	OR1,OR7	36	2	1.09	2.12	5.25	1.78	6.84	4	1944	48	18	432	1.57	4	8	9	44	339	13	-2	540	27	51	0
5142590	5/17/1980	STREAM	OR1,OR7	30	1	1.33	1.71	6.66	1.64	3.85	7	3098	59	25	437	2.58	6	8	6	68	292	12	-2	585	37	72	0
5142591	5/17/1980	STREAM	OR1,OR7	33	2	1.03	1.38	5.71	1.72	7.01	5	2247	48	24	504	1.97	5	11	11	59	330	15	-2	540	29	56	0
5142592	5/17/1980	STREAM	OR1,OR7	41	2	1.47	1.23	7.34	2.33	1.79	7	2880	61	27	613	2.52	6	12	15	77	316	15	-2	702	37	69	0
5142593	5/17/1980	STREAM	OR1,OR7	40	2	1.47	1.07	7.24	2.16	1.92	7	3325	70	27	638	2.74	7	12	11	76	330	18	-2	757	43	81	0
5142594	5/17/1980	STREAM	OR1,OR7	37	2	1.62	0.86	7.34	2.4	1.8	6	2355	46	19	550	2.08	5	9	8	65	343	14	-2	834	38	69	0
5142595	5/17/1980	STREAM	OR1,OR7	34	2	1.54	0.55	7.07	2.65	1.13	6	2202	41	18	546	2.02	4	7	10	69	252	17	-2	873	46	92	0
5142597	5/17/1980	STREAM	OR1,OR7	37	2	1.77	0.66	7.21	2.56	1.33	5	2732	46	16	584	2.16	4	9	9	69	343	19	-2	877	45	87	0
5142600	5/17/1980	STREAM	OR1,OR7	37	2	1.61	0.81	7.07	2.36	1.75	5	2173	40	18	552	1.91	5	10	9	61	345	16	-2	815	40	79	0
5142616	5/18/1980	STREAM	OR1,OR7	37	2	1.54	0.96	7.25	2.17	2.53	5	3184	70	20	645	2.75	6	11	10	77	460	15	-2	750	39	71	0
5142617	5/18/1980	STREAM	OR1,OR7	34	2	1.7	0.91	7.68	2.23	2.16	6	3770	78	19	650	3.09	7	11	10	78	482	16	-2	776	37	70	0
5142618	5/18/1980	STREAM	OR1,OR7	31	2	1.6	0.69	6.99	2.05	2.57	5	2723	55	17	559	2.23	5	7	7	62	460	20	-2	772	45	87	0
5142619	5/18/1980	STREAM	OR1,OR7	33	2	1.74	0.56	7.33	2.23	3.32	4	2107	41	11	446	1.74	4	4	5	47	601	13	-2	875	40	70	0
5142620	5/18/1980	STREAM	OR1,OR7	35	2	1.54	0.56	6.56	2.04	5.76	4	1777	35	10	454	1.48	-4	4	5	40	753	13	-2	825	39	71	0
5142621	5/18/1980	STREAM	OR1,OR7	42	1	1.42	0.57	5.93	1.8	9.27	4	1876	36	11	482	1.53	-4	4	4	41	1001	15	-2	766	47	86	0
5142622	5/18/1980	STREAM	OR1,OR7	34	3	1.73	0.64	7.29	2.34	1.88	4	1987	38	13	484	1.72	4	6	7	55	424	20	-2	738	39	71	0
5142623	5/18/1980	STREAM	OR1,OR7	41	3	1.64	0.79	7.1	2.37	2.5	4	1887	36	14	563	1.69	4	8	10	59	417	18	-2	693	35	66	0
5142624	5/18/1980	STREAM	OR1,OR7	42	3	1.7	0.89	7.15	2.3	2.54	5	2220	44	17	519	1.94	5	9	10	62	409	19	-2	698	34	62	0
5142625	5/18/1980	STREAM	OR1,OR7	37	2	1.74	0.77	7.29	2.32	1.89	4	2508	46	16	467	1.9	5	8	8	56	413	16	-2	812	39	70	0
5142626	5/18/1980	STREAM	OR1,OR7	34	2	1.74	0.7	7.16	2.35	1.7	4	2148	41	15	506	1.83	4	5	8	61	394	17	-2	744	39	76	0
5142627	5/18/1980	STREAM	OR1,OR7	35	3	1.66	0.75	7.06	2.33	2.14	4	2071	40	15	481	1.8	4	8	8	61	365	21	-2	642	36	70	0
5142629	5/18/1980	STREAM	OR1,OR7	38	3	1.75	0.79	7.2	2.4	1.85	5	2463	47	15	578	2.13	4	16	11	71	370	19	-2	775	41	75	0
5142630	5/18/1980	STREAM	OR1,OR7	39	3	1.66	0.47	6.86	2.29	1.16	4	2043	43	12	529	1.82	-4	4	6	58	320	23	-2	757	49	90	0
5142631	5/18/1980	STREAM	OR1,OR7	37	3	1.58	0.71	7.06	2.17	1.93	5	2537	56	16	535	2.14	5	8	10	64	384	17	-2	783	47	83	0
5142632	5/18/1980	STREAM	OR1,OR7	38	2	1.7	0.81	7.12	2.3	1.74	5	2378	55	17	549	1.98	5	8	10	61	385	14	-2	779	37	66	0
5142633	5/19/1980	STREAM	OR1,OR7	46	2	1.77	0.7	7.24	2.47	2.34	5	2533	50	15	453	1.89	4	6	9	58	448	15	-2	869	37	65	0
5142636	5/19/1980	STREAM	OR1,OR7	31	2	1.74	0.65	7.36	2.07	2.12	5	2486	55	16	487	2.01	5	7	20	59	496	13	-2	864	45	77	0
5142637	5/19/1980	STREAM	OR1,OR7	38	2	1.62	0.62	7.05	2.19	2.06	4	2211	45	13	418	1.72	4	9	8	57	445	14	-2	904	43	76	0
5142638	5/19/1980	STREAM	OR1,OR7	46	3	1.76	0.48	7	2.65	1.1	4	1793	36	10	482	1.62	-4	5	7	57	295	23	-2	712	39	71	0
5142639	5/19/1980	STREAM	OR1,OR7	41	3	1.38	0.65	6.66	2.18	1.14	5	2138	47	16	534	1.96	5	10	10	65	271	24	2	665	42	85	0
5142640	5/19/1980	STREAM	OR1,OR7	39	3	1.52	0.48	6.81	2.17	1.21	5	2252	45	13	517	1.94	4	6	7	62	306	26	-2	727	43	84	0
5142641	5/19/1980	STREAM	OR1,OR7	32	2	1.59	0.68	6.86	2.1	1.66	6	3953	65	18	636	3.19	5	9	11	98	369	24	-2	832	57	101	0
5142642	5/19/1980	STREAM	OR1,OR7	40	3	1.74	0.58	7.02	2.41	1.36	4	2085	43	13	477	1.75	4	4	18	58	345	20	-2	783	42	76	0
5142643	5/19/1980	STREAM	OR1,OR7	36	2	1.57	0.82	7	2.2	1.59	5	2480	53	18	561	2.11	5	8	12	70	369	16	-2	813	41	76	0
5142644	5/19/1980	STREAM	OR1,OR7	38	2	1.65	0.71	6.94	2.34	1.52	4	2115	45	15	455	1.76	4	6	8	54	361	17	-2	798	41	73	0
5142645	5/19/1980	STREAM	OR1,OR7	45	2	1.21	1	7.01	2.27																		

Table B-1. Reformatted Data from the NURE-HSSR Sediment Samples from Railroad Valley\*, Nye County, Nevada

Sample Tracking Number	Collection Date	Sample Source	Analytical Methods	EU_PPM	DY_PPM	YB_PPM	LU_PPM	HF_PPM	W_PPM	AU_PPM	PB_PPM	TH_PPM	U_DN_PPM
5142119	6/5/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	-10	13	0
5142120	6/5/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	-10	9	0
5142121	6/5/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	-10	12	0
5142122	6/5/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	-10	25	0
5142124	6/5/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	6	0
5142125	6/5/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	2	0
5142126	6/5/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	-10	4	0
5142141	6/6/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	12	5	0
5142142	6/6/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	16	11	0
5142143	6/6/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	14	8	0
5142148	6/7/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	19	13	0
5142149	6/7/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	19	12	0
5142151	6/7/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	17	13	0
5142152	6/7/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	15	12	0
5142154	6/7/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	-10	3	0
5142155	6/7/1980	SOIL	OR1, OR7	0	0	0	0	-15	0	0	-10	4	0
5142156	6/7/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	-2	0
5142157	6/7/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	16	6	0
5142158	6/7/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	18	11	0
5142590	5/17/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	11	0
5142591	5/17/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	12	0
5142592	5/17/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	17	0
5142593	5/17/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	18	0
5142594	5/17/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	14	0
5142595	5/17/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	16	0
5142597	5/17/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	17	0
5142600	5/17/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	16	0
5142616	5/18/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	7	0
5142617	5/18/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	14	0
5142618	5/18/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	23	0
5142619	5/18/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	14	0
5142620	5/18/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	15	0
5142621	5/18/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	18	0
5142622	5/18/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	19	0
5142623	5/18/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	20	0
5142624	5/18/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	18	0
5142625	5/18/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	15	0
5142626	5/18/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	19	0
5142627	5/18/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	15	0
5142629	5/18/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	-10	11	0
5142630	5/18/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	25	17	0
5142631	5/18/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	24	12	0
5142632	5/18/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	19	6	0
5142633	5/19/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	32	12	0
5142636	5/19/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	20	15	0
5142637	5/19/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	39	14	0
5142638	5/19/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	22	16	0
5142639	5/19/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	34	22	0
5142640	5/19/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	25	13	0
5142641	5/19/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	17	11	0
5142642	5/19/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	24	16	0
5142643	5/19/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	22	17	0
5142644	5/19/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	19	14	0
5142645	5/19/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	28	14	0
5142646	5/19/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	11	6	0
5142647	5/19/1980	STREAM	OR1, OR7	0	0	0	0	27	0	0	23	14	0

Table B-1. Reformatted Data from the NURE-HSSR Sediment Samples from Railroad Valley\*, Nye County, Nevada

Sample Tracking Number	Collection Date	Sample Source	Analytical Methods	LI_PPM	BE_PPM	NA_PCT	MG_PCT	AL_PCT	K_PCT	CA_PCT	SC_PPM	TI_PPM	V_PPM	CR_PPM	MN_PPM	FE_PCT	CO_PPM	NI_PPM	CU_PPM	ZN_PPM	SR_PPM	NB_PPM	AG_PPM	BA_PPM	LA_PPM	CE_PPM	SM_PPM
5142672	5/27/1980	STREAM	OR1, OR7	45	2	1.18	1.24	6.27	2	4.65	6	2392	63	26	604	2.13	6	14	22	73	324	13	-2	656	29	56	0
5142673	5/27/1980	STREAM	OR1, OR7	40	2	1.16	1.19	6.19	1.83	5.09	6	2528	63	25	494	2.24	6	12	24	67	327	15	-2	593	34	62	0
5143114	6/1/1980	SOIL	OR2, OR7	41	2	1.87	0.76	7.53	2.42	1.62	5	2301	44	16	518	1.96	4	10	10	64	402	14	-2	837	41	78	0
5143115	6/1/1980	SOIL	OR2, OR7	47	2	1.93	0.91	8.11	2.55	1.77	6	2950	56	20	628	2.48	6	11	13	70	372	17	-2	844	46	93	0
5143118	6/1/1980	SOIL	OR2, OR7	38	2	2.01	0.67	7.97	2.41	1.72	5	2668	49	14	549	2.16	4	5	8	60	481	14	-2	909	42	75	0
5143119	6/1/1980	SOIL	OR2, OR7	44	2	1.98	0.87	7.9	2.5	1.81	6	2710	53	17	648	2.34	5	10	12	71	428	14	-2	870	42	77	0
5143121	6/1/1980	SOIL	OR2, OR7	30	2	1.71	0.65	7.62	1.9	1.64	5	2399	45	16	544	2.08	5	8	9	58	485	13	-2	891	45	82	0
5143124	6/1/1980	SOIL	OR2, OR7	36	2	1.72	1	7.89	2.33	2.06	8	3790	93	28	649	3.23	8	8	11	72	503	16	-2	854	42	88	0
5143127	6/1/1980	SOIL	OR2, OR7	33	2	1.87	0.69	7.78	2.37	1.57	5	2847	59	19	587	2.47	5	9	9	66	434	16	-2	802	48	89	0
5143128	6/1/1980	STREAM	OR2, OR7	34	2	1.83	0.7	7.63	2.4	1.73	5	3095	67	17	707	2.87	5	7	9	76	427	19	-2	790	54	104	0
5143159	6/4/1980	SOIL	OR2, OR7	34	2	1.79	0.62	7.03	2.42	1.31	5	2304	43	13	515	1.76	4	6	9	53	302	13	-2	637	28	57	0
5157705	3/29/1980	STREAM	OR2, OR7	35	2	1.97	0.61	7.32	2.28	1.88	5	3577	69	20	670	2.8	7	9	9	86	446	19	-2	761	57	103	0
5157706	3/29/1980	STREAM	OR2, OR7	79	2	1.66	1.02	7.28	2.4	2.8	6	2846	57	23	585	2.42	7	11	13	72	426	17	-2	719	36	72	0
5157707	3/29/1980	SOIL	OR2, OR7	41	2	2.21	0.7	7.78	2.71	1.71	5	2884	61	19	578	2.4	5	7	9	69	441	15	-2	805	43	78	0
5157708	3/29/1980	STREAM	OR2, OR7	40	2	2.01	0.5	7.42	2.43	1.97	4	2221	40	15	383	1.64	4	6	7	46	503	16	-2	819	41	75	0
5157712	3/30/1980	STREAM	OR2, OR7	38	3	2.02	0.83	7.63	2.41	1.89	5	2841	50	16	625	2.45	5	9	8	67	408	16	-2	806	33	65	0
5157713	3/30/1980	STREAM	OR2, OR7	39	2	1.47	0.95	7.66	2.46	1.86	6	2837	65	19	679	2.86	8	12	12	83	311	15	-2	765	36	70	0
5157714	3/30/1980	STREAM	OR2, OR7	39	3	1.96	0.73	7.64	2.54	1.67	5	2420	49	18	605	2.09	6	9	10	64	405	16	-2	791	40	76	0
5157715	3/30/1980	SOIL	OR2, OR7	33	2	2	0.55	7.66	2.26	1.41	4	2705	51	16	482	2.13	4	8	7	56	420	17	-2	822	45	83	0
5157725	4/4/1980	STREAM	OR2, OR7	37	2	1.65	0.8	7.65	2.09	1.48	5	2836	55	21	605	2.4	5	10	11	70	372	14	-2	778	38	69	0
5157748	3/31/1980	STREAM	OR2, OR7	42	2	2.28	0.75	8.18	2.7	1.49	5	2835	52	20	611	2.18	5	10	11	67	406	15	-2	806	37	67	0
5157749	3/31/1980	STREAM	OR2, OR7	39	3	1.95	0.78	8.05	2.48	1.41	5	2642	49	20	691	2.2	5	10	11	67	376	15	-2	795	37	70	0
5157750	3/31/1980	STREAM	OR7	39	2	2.04	0.75	8.07	2.58	1.42	5	2770	52	19	659	2.23	4	10	10	65	391	16	-2	807	37	69	0
5164755	6/15/1978	STREAM	LL1-DN, LL1-NA	0	0	1.804	0.6619	5.837	4.928	-2	-0.1	1771	22.96	-30	240.9	-0.2	-3	0	0	-200	374.1	0	-500	1098	-0.3	-15	-0.3

Methods: OR1 - Oak Ridge Fluorescence Spectroscopy Analysis of sediments for U; OR2 - Oak Ridge Neutron Activation Analysis - Neutron Counting of sediments for U; OR7 - Oak Ridge Emission Spectrochemical Analysis of sediments for Ag, Al, B, Ba, Be, Ca, Ce, Co, Cr, Cu, Fe, Hf, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Sc, Sr, Th, Ti, V, Y, Zn, and Zr; LL1-DN - Lawrence Livermore Delayed-Neutron Counting Analysis of sediments for U; LL1-NA Lawrence Livermore Neutron Activation Analysis of sediments for Ag, Al, As, Ba, Br, Ca, Ce, Cl, Co, Cr, Cs, Dy, Eu, Fe, Hf, Hg, K, La, Lu, Mg, Mn, Na, Rb, Sb, Sc, Sm, Sr, Ta, Tb, Th, Ti, U, V, W, Yb, and Zn  
 Data source: U.S. Geological Survey, 2004, National Uranium Resource Evaluation (NURE) Hydrogeochemical and Stream Sediment Reconnaissance data: U.S. Geological Survey, Denver, CO.

Lithium concentrations greater than 100 ppm are highlighted.

PPM = part(s) per million; PCT = percent; negative values = not detected or less than listed value.

\* Using the boundaries of Railroad Valley defined in the 2022 Mineral Potential Report prepared in support of NASA's proposed withdrawal request.

Table B-1. Reformatted Data from the NURE-HSSR Sediment Samples from Railroad Valley\*, Nye County, Nevada

Sample Tracking Number	Collection Date	Sample Source	Analytical Methods	EU_PPM	DY_PPM	YB_PPM	LU_PPM	HF_PPM	W_PPM	AU_PPM	PB_PPM	TH_PPM	U_DN_PPM
5142672	5/27/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	25	14	0
5142673	5/27/1980	STREAM	OR1, OR7	0	0	0	0	-15	0	0	17	13	0
5143114	6/1/1980	SOIL	OR2, OR7	0	0	0	0	-15	0	0	-10	16	3.7
5143115	6/1/1980	SOIL	OR2, OR7	0	0	0	0	-15	0	0	-10	16	3.8
5143118	6/1/1980	SOIL	OR2, OR7	0	0	0	0	-15	0	0	-10	14	4.2
5143119	6/1/1980	SOIL	OR2, OR7	0	0	0	0	-15	0	0	-10	16	4.1
5143121	6/1/1980	SOIL	OR2, OR7	0	0	0	0	-15	0	0	22	8	3.2
5143124	6/1/1980	SOIL	OR2, OR7	0	0	0	0	-15	0	0	-10	15	3.5
5143127	6/1/1980	SOIL	OR2, OR7	0	0	0	0	-15	0	0	-10	18	4.2
5143128	6/1/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	-10	14	4.5
5143159	6/4/1980	SOIL	OR2, OR7	0	0	0	0	-15	0	0	-10	6	4.1
5157705	3/29/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	39	20	4.5
5157706	3/29/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	19	15	4.6
5157707	3/29/1980	SOIL	OR2, OR7	0	0	0	0	-15	0	0	18	8	3.9
5157708	3/29/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	21	14	4.1
5157712	3/30/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	-10	3	3.7
5157713	3/30/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	32	12	4.3
5157714	3/30/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	25	14	3.5
5157715	3/30/1980	SOIL	OR2, OR7	0	0	0	0	-15	0	0	24	10	3.8
5157725	4/4/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	18	13	3.6
5157748	3/31/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	21	11	3.7
5157749	3/31/1980	STREAM	OR2, OR7	0	0	0	0	-15	0	0	22	18	3.7
5157750	3/31/1980	STREAM	OR7	0	0	0	0	-15	0	0	27	10	0
5164755	6/15/1978	STREAM	LL1-DN, LL1-NA	0.7277	5.047	-3	-2	-1	-30	0	0	-2	4.26

Methods: OR1 - Oak Ridge Fluorescence Spectroscopy Analysis of sediments for U; OR2 - Oak Ridge Neutron Activation Analysis - Neutron Counting of sediments for U; OR7 - Oak Ridge Emission Spectrochemical Analysis of sediments for Ag, Al, B, Ba, Be, Ca, Ce, Co, Cr, Cu, Fe, Hf, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Sc, Sr, Th, Ti, V, Y, Zn, and Zr; LL1-DN - Lawrence Livermore Delayed-Neutron Counting Analysis of sediments for U; LL1-NA Lawrence Livermore Neutron Activation Analysis of sediments for Ag, Al, As, Ba, Br, Ca, Ce, Cl, Co, Cr, Cs, Dy, Eu, Fe, Hf, Hg, K, La, Lu, Mg, Mn, Na, Rb, Sb, Sc, Sm, Sr, Ta, Tb, Th, Ti, U, V, W, Yb, and Zn  
 Data source: U.S. Geological Survey, 2004, National Uranium Resource Evaluation (NURE) Hydrogeochemical and Stream Sediment Reconnaissance data: U.S. Geological Survey, Denver, CO.

Lithium concentrations greater than 100 ppm are highlighted.  
 PPM = part(s) per million; PCT = percent; negative values = not detected or less than listed value.

\* Using the boundaries of Railroad Valley defined in the 2022 Mineral Potential Report prepared in support of NASA's proposed withdrawal request.



Table B-3. Trace element concentrations from oil well cuttings drilled within 10 miles of the Proposed Withdrawal Area

Township	Location	Depth	Elements (normalized ppm)										
			Li	Ba	Co	Cr	Cu	Na	K	Zn	Ti	Mg	Mn
10N 56E													
	Philips 1 - Roulette	2540	16	115	19	66	55	1020	1370	33	165	284341	213
		3260	19	47	39	147	78	1233	1610	30	166	324769	429
		3380	19	113	22	72	66	1230	2065	30	166	304725	428
		3690	22	54	57	215	189	1199	2235	30	323	293710	834
		5050	14	78	23	55	49	1492	2383	55	344	368981	222
		5550	15	72	57	217	290	624	1048	53	252	59350	130
		5700	32	318	26	118	95	1366	27077	76	1577	263583	611
		6110	21	128	70	1093	1144	699	12512	83	791	43390	4961
	Marathon 1 - Duckwater	4920	78	2060	22	343	98	2476	39338	501	6402	44953	517
		4680	92	1660	24	395	101	4710	24792	475	5498	53191	364
		5010	68	2038	25	334	95	3851	38787	379	1872	62899	524
		5510	82	2428	18	395	129	2637	37247	566	2326	30010	344
		5990	68	2723	20	515	158	2010	35794	680	2562	38944	350
9N 57E													
	Meridian 1 - Spencer Fed.	10750	129	1286	21	65	58	13167	37695	104	2764	62425	714
		10800	227	768	26	138	59	7488	31955	167	5910	67813	909
		11250	41	155	24	46	22	1811	9681	60	976	282841	420
		11150	35	159	38	49	49	2000	10741	49	1131	285220	418
		11790	220	518	44	266	105	4364	25861	222	10579	42450	2362
		12200-124	273	555	42	319	72	4541	27946	214	12318	30577	1693
		12450	312	498	47	340	73	3332	28589	287	13721	31340	1325
		13000	140	18904	33	656	159	5888	25858	868	7883	23235	363
		13400	101	12802	27	395	112	3130	33278	525	7336	23798	490
		13490	118	4108	28	363	99	3259	33583	432	7484	47408	537
		14000	109	4312	24	187	38	2878	25878	319	1531	24644	366
		6340	20	37	23	40	1981	1080	1661	1158	171	353863	221
9N 56E													
	Makoil 1 - Inselberg	1780	14	99	23	28	11	1893	3765	28	170	352928	220
	Ferguson 11-23 - Munson Ran.	4600	19	200	25	25	11	2239	8201	41	494	319790	213
		5000	34	675	12	24	12	4263	24843	117	1435	10975	371

Table B-3. Trace element concentrations from oil well cuttings drilled within 10 miles of the Proposed Withdrawal Area

Township	Location	Elements (normalized ppm)											
		Depth	Li	Ba	Co	Cr	Cu	Na	K	Zn	Ti	Mg	Mn
	True 11-25 - Bird	8700	0	792	14	31	17	7960	18408	122	1001	92476	369
		8990	17	284	25	28	14	3509	8547	45	500	302611	215
	Marathon 1 - Reynolds Spr.	4010	27	197	22	27	17	1805	7182	54	810	250002	419
		4490	17	112	23	29	14	1705	5247	37	517	340510	222
8N 56E													
	Marathon 1 - Shoreline	2270	72	1765	20	385	130	4977	41587	503	6972	27923	346
		2600	110	1381	33	368	169	4872	19276	366	4640	65926	727
		2800	42	744	17	135	54	1996	13808	147	2200	73181	568
	Cenex 8-7 - Federal	1800	66	2148	22	289	101	5400	41013	492	6082	32327	512
		2170	68	1462	28	238	150	2994	45146	363	6495	27121	494
		2440	49	2216	21	268	124	2542	44439	379	6033	26089	497
		2530	45	2317	32	215	119	2052	44502	353	5866	23866	494
		2750	26	1940	14	79	22	2310	20679	93	2154	13436	185
	Equitable 34-18 - West Valley	1800	54	2177	20	325	126	3378	46437	382	6759	31256	336
		2300	57	1796	24	342	160	3092	43332	395	6443	34263	510
		2550	36	1058	17	128	36	2107	25346	142	2838	14990	367
		2780	67	1916	18	534	186	2559	36658	895	6756	19699	178
		3200	62	4633	19	734	190	1545	19979	863	4301	36431	358
		3550	16	194	19	55	22	810	5892	139	655	253082	211
	Apache 1 - Dry Lake	3900	26	412	20	36	18	4560		72	768	181819	397
		4300	29	366	21	29	13	4820		42	623	209115	201
		4700	21	182	21	26	11	2943		37	476	208499	205
8N 55E													
	Byrd 1 - Big Corral	3150		1968	20	562	148	73	36772	547	6209	71212	341
		3630		692	12	81	24	29	18237	103	2290	20710	185

Data Source: Gillespie, C.W. and T. Blechen. 1999. Eagle Exploration, Inc. Chemical Stratigraphy Correlation Project. Accessed February 23, 2022.

<http://www.nbmj.unr.edu/Collections/MiningDistricts/MDDDBTextSearch.html>

The sampling results were first converted to normalized weight percents (excluding oxygen), then to normalized ppm.

ppm - parts per million

**Appendix C**  
**Mining Claims on the Withdrawal Application Area**

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DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
MINING CLAIMS

**MINING CLAIM GEOGRAPHIC INDEX**

Admin State: **NV**  
Geo State: **NV**  
County: **NYE**  
Field Office: **TONOPAH FIELD OFFICE**  
Meridian Township Range: **21 0070N 0560E**

Section	Quadrant	Serial Number	Lead File Number	Legacy Serial Number	Legacy Lead File Number	Claim Type	Claim Name	Claimant	Date Of Location	Case Disposition	Next Pmt Due Date	Closed Date
002	NE	NV101558773	NV101558773	NMC1151809	NMC1150164	PLACER CLAIM	RV 1649	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	NE	NV101558774	NV101558774	NMC1151810	NMC1150164	PLACER CLAIM	RV 1650	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	NE	NV101559942	NV101559942	NMC1152883	NMC1150164	PLACER CLAIM	RV 2872	3PL OPERATING INC	7/27/2017	ACTIVE	9/1/2022	
002	NE	NV101559943	NV101559943	NMC1152884	NMC1150164	PLACER CLAIM	RV 2873	3PL OPERATING INC	7/27/2017	ACTIVE	9/1/2022	
002	NE	NV101711093	NV101711093	NMC1152903	NMC1150164	PLACER CLAIM	RV 2892	3PL OPERATING INC	7/25/2017	ACTIVE	9/1/2022	
002	NE	NV101711094	NV101711094	NMC1152904	NMC1150164	PLACER CLAIM	RV 2893	3PL OPERATING INC	7/25/2017	ACTIVE	9/1/2022	
002	NE	NV101712219	NV101712219	NMC1151884	NMC1150164	PLACER CLAIM	RV 1724	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	NE	NV101712220	NV101712220	NMC1151885	NMC1150164	PLACER CLAIM	RV 1725	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	NW	NV101553013	NV101553013	NMC1151652	NMC1150164	PLACER CLAIM	RV 1492	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	NW	NV101553014	NV101553014	NMC1151653	NMC1150164	PLACER CLAIM	RV 1493	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	NW	NV101555333	NV101555333	NMC1151732	NMC1150164	PLACER CLAIM	RV 1572	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	NW	NV101556461	NV101556461	NMC1151733	NMC1150164	PLACER CLAIM	RV 1573	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	NW	NV101559944	NV101559944	NMC1152885	NMC1150164	PLACER CLAIM	RV 2874	3PL OPERATING INC	7/27/2017	ACTIVE	9/1/2022	
002	NW	NV101559945	NV101559945	NMC1152886	NMC1150164	PLACER CLAIM	RV 2875	3PL OPERATING INC	7/27/2017	ACTIVE	9/1/2022	
002	NW	NV101711091	NV101711091	NMC1152901	NMC1150164	PLACER CLAIM	RV 2890	3PL OPERATING INC	7/25/2017	ACTIVE	9/1/2022	
002	NW	NV101711092	NV101711092	NMC1152902	NMC1150164	PLACER CLAIM	RV 2891	3PL OPERATING INC	7/25/2017	ACTIVE	9/1/2022	
002	SE	NV101558775	NV101558775	NMC1151811	NMC1150164	PLACER CLAIM	RV 1651	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	SE	NV101559895	NV101559895	NMC1151812	NMC1150164	PLACER CLAIM	RV 1652	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	SE	NV101559896	NV101559896	NMC1151813	NMC1150164	PLACER CLAIM	RV 1653	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	SE	NV101559897	NV101559897	NMC1151814	NMC1150164	PLACER CLAIM	RV 1654	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	SE	NV101712221	NV101712221	NMC1151886	NMC1150164	PLACER CLAIM	RV 1726	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	SE	NV101712222	NV101712222	NMC1151887	NMC1150164	PLACER CLAIM	RV 1727	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	SE	NV101712223	NV101712223	NMC1151888	NMC1150164	PLACER CLAIM	RV 1728	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	SE	NV101713344	NV101713344	NMC1151889	NMC1150164	PLACER CLAIM	RV 1729	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	SW	NV101553015	NV101553015	NMC1151654	NMC1150164	PLACER CLAIM	RV 1494	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	SW	NV101553016	NV101553016	NMC1151655	NMC1150164	PLACER CLAIM	RV 1495	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	

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Section	Quadrant	Serial Number	Lead File Number	Legacy Serial Number	Legacy Lead File Number	Claim Type	Claim Name	Claimant	Date Of Location	Case Disposition	Next Pmt Due Date	Closed Date
								INC				
002	SW	NV101553017	NV101553017	NMC1151656	NMC1150164	PLACER CLAIM	RV 1496	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	SW	NV101553018	NV101553018	NMC1151657	NMC1150164	PLACER CLAIM	RV 1497	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	SW	NV101556462	NV101556462	NMC1151734	NMC1150164	PLACER CLAIM	RV 1574	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	SW	NV101556463	NV101556463	NMC1151735	NMC1150164	PLACER CLAIM	RV 1575	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	SW	NV101556464	NV101556464	NMC1151736	NMC1150164	PLACER CLAIM	RV 1576	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
002	SW	NV101556465	NV101556465	NMC1151737	NMC1150164	PLACER CLAIM	RV 1577	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
003	NE	NV101559946	NV101559946	NMC1152887	NMC1150164	PLACER CLAIM	RV 2876	3PL OPERATING INC	7/27/2017	ACTIVE	9/1/2022	
003	NE	NV101559947	NV101559947	NMC1152888	NMC1150164	PLACER CLAIM	RV 2877	3PL OPERATING INC	7/27/2017	ACTIVE	9/1/2022	
003	NE	NV101711089	NV101711089	NMC1152899	NMC1150164	PLACER CLAIM	RV 2888	3PL OPERATING INC	7/25/2017	ACTIVE	9/1/2022	
003	NE	NV101711090	NV101711090	NMC1152900	NMC1150164	PLACER CLAIM	RV 2889	3PL OPERATING INC	7/25/2017	ACTIVE	9/1/2022	
003	NE	NV101713325	NV101713325	NMC1151499	NMC1150164	PLACER CLAIM	RV 1339	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
003	NE	NV101713326	NV101713326	NMC1151500	NMC1150164	PLACER CLAIM	RV 1340	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
003	NE	NV101716787	NV101716787	NMC1151575	NMC1150164	PLACER CLAIM	RV 1415	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
003	NE	NV101716788	NV101716788	NMC1151576	NMC1150164	PLACER CLAIM	RV 1416	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
003	NW	NV101555302	NV101555302	NMC1151352	NMC1150164	PLACER CLAIM	RV 1192	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
003	NW	NV101555303	NV101555303	NMC1151353	NMC1150164	PLACER CLAIM	RV 1193	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
003	NW	NV101558749	NV101558749	NMC1151424	NMC1150164	PLACER CLAIM	RV 1264	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
003	NW	NV101558750	NV101558750	NMC1151425	NMC1150164	PLACER CLAIM	RV 1265	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
003	NW	NV101559948	NV101559948	NMC1152889	NMC1150164	PLACER CLAIM	RV 2878	LITHIUM ORE CORP	7/27/2017	ACTIVE	9/1/2022	
003	NW	NV101559949	NV101559949	NMC1152890	NMC1150164	PLACER CLAIM	RV 2879	LITHIUM ORE CORP	7/27/2017	ACTIVE	9/1/2022	
003	NW	NV101559956	NV101559956	NMC1152897	NMC1150164	PLACER CLAIM	RV 2886	LITHIUM ORE CORP	7/25/2017	ACTIVE	9/1/2022	
003	NW	NV101559957	NV101559957	NMC1152898	NMC1150164	PLACER CLAIM	RV 2887	LITHIUM ORE CORP	7/25/2017	ACTIVE	9/1/2022	
003	SE	NV101713327	NV101713327	NMC1151501	NMC1150164	PLACER CLAIM	RV 1341	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
003	SE	NV101713328	NV101713328	NMC1151502	NMC1150164	PLACER CLAIM	RV 1342	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
003	SE	NV101713329	NV101713329	NMC1151503	NMC1150164	PLACER CLAIM	RV 1343	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
003	SE	NV101713330	NV101713330	NMC1151504	NMC1150164	PLACER CLAIM	RV 1344	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
003	SE	NV101716789	NV101716789	NMC1151577	NMC1150164	PLACER CLAIM	RV 1417	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
003	SE	NV101716790	NV101716790	NMC1151578	NMC1150164	PLACER CLAIM	RV 1418	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
003	SE	NV101716791	NV101716791	NMC1151579	NMC1150164	PLACER CLAIM	RV 1419	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
003	SE	NV101716792	NV101716792	NMC1151580	NMC1150164	PLACER CLAIM	RV 1420	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	

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MINING CLAIMS

Section	Quadrant	Serial Number	Lead File Number	Legacy Serial Number	Legacy Lead File Number	Claim Type	Claim Name	Claimant	Date Of Location	Case Disposition	Next Pmt Due Date	Closed Date
003	SW	NV101555304	NV101555304	NMC1151354	NMC1150164	PLACER CLAIM	RV 1194	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
003	SW	NV101555305	NV101555305	NMC1151355	NMC1150164	PLACER CLAIM	RV 1195	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
003	SW	NV101555306	NV101555306	NMC1151356	NMC1150164	PLACER CLAIM	RV 1196	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
003	SW	NV101555307	NV101555307	NMC1151357	NMC1150164	PLACER CLAIM	RV 1197	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
003	SW	NV101558751	NV101558751	NMC1151426	NMC1150164	PLACER CLAIM	RV 1266	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
003	SW	NV101558752	NV101558752	NMC1151427	NMC1150164	PLACER CLAIM	RV 1267	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
003	SW	NV101558753	NV101558753	NMC1151428	NMC1150164	PLACER CLAIM	RV 1268	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
003	SW	NV101558754	NV101558754	NMC1151429	NMC1150164	PLACER CLAIM	RV 1269	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
004	NE	NV101551843	NV101551843	NMC1151282	NMC1150164	PLACER CLAIM	RV 1122	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	NE	NV101551844	NV101551844	NMC1151283	NMC1150164	PLACER CLAIM	RV 1123	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	NE	NV101559950	NV101559950	NMC1152891	NMC1150164	PLACER CLAIM	RV 2880	LITHIUM ORE CORP	7/27/2017	ACTIVE	9/1/2022	
004	NE	NV101559951	NV101559951	NMC1152892	NMC1150164	PLACER CLAIM	RV 2881	LITHIUM ORE CORP	7/27/2017	ACTIVE	9/1/2022	
004	NE	NV101559954	NV101559954	NMC1152895	NMC1150164	PLACER CLAIM	RV 2884	LITHIUM ORE CORP	7/25/2017	ACTIVE	9/1/2022	
004	NE	NV101559955	NV101559955	NMC1152896	NMC1150164	PLACER CLAIM	RV 2885	LITHIUM ORE CORP	7/25/2017	ACTIVE	9/1/2022	
004	NE	NV101715629	NV101715629	NMC1151214	NMC1150164	PLACER CLAIM	RV 1054	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	NE	NV101716766	NV101716766	NMC1151215	NMC1150164	PLACER CLAIM	RV 1055	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	NW	NV101558726	NV101558726	NMC1151081	NMC1150164	PLACER CLAIM	RV 0919	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	NW	NV101558727	NV101558727	NMC1151082	NMC1150164	PLACER CLAIM	RV 0920	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	NW	NV101559952	NV101559952	NMC1152893	NMC1150164	PLACER CLAIM	RV 2882	LITHIUM ORE CORP	7/27/2017	ACTIVE	9/1/2022	
004	NW	NV101559953	NV101559953	NMC1152894	NMC1150164	PLACER CLAIM	RV 2883	LITHIUM ORE CORP	7/25/2017	ACTIVE	9/1/2022	
004	NW	NV101712181	NV101712181	NMC1151147	NMC1150164	PLACER CLAIM	RV 0986	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	NW	NV101712182	NV101712182	NMC1151148	NMC1150164	PLACER CLAIM	RV 0987	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	SE	NV101551845	NV101551845	NMC1151284	NMC1150164	PLACER CLAIM	RV 1124	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	SE	NV101551846	NV101551846	NMC1151285	NMC1150164	PLACER CLAIM	RV 1125	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	SE	NV101551847	NV101551847	NMC1151286	NMC1150164	PLACER CLAIM	RV 1126	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	SE	NV101551848	NV101551848	NMC1151287	NMC1150164	PLACER CLAIM	RV 1127	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
004	SE	NV101716767	NV101716767	NMC1151216	NMC1150164	PLACER CLAIM	RV 1056	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	SE	NV101716768	NV101716768	NMC1151217	NMC1150164	PLACER CLAIM	RV 1057	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	SE	NV101716769	NV101716769	NMC1151218	NMC1150164	PLACER CLAIM	RV 1058	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	SE	NV101716770	NV101716770	NMC1151219	NMC1150164	PLACER CLAIM	RV 1059	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	SW	NV101558728	NV101558728	NMC1151083	NMC1150164	PLACER CLAIM	RV 0921	LITHIUM ORE	7/21/2017	ACTIVE	9/1/2022	

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Section	Quadrant	Serial Number	Lead File Number	Legacy Serial Number	Legacy Lead File Number	Claim Type	Claim Name	Claimant	Date Of Location	Case Disposition	Next Pmt Due Date	Closed Date
								CORP				
004	SW	NV101558729	NV101558729	NMC1151084	NMC1150164	PLACER CLAIM	RV 0922	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	SW	NV101558730	NV101558730	NMC1151085	NMC1150164	PLACER CLAIM	RV 0923	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	SW	NV101558731	NV101558731	NMC1151086	NMC1150164	PLACER CLAIM	RV 0924	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	SW	NV101712183	NV101712183	NMC1151149	NMC1150164	PLACER CLAIM	RV 0988	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	SW	NV101712184	NV101712184	NMC1151150	NMC1150164	PLACER CLAIM	RV 0989	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	SW	NV101712185	NV101712185	NMC1151151	NMC1150164	PLACER CLAIM	RV 0990	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
004	SW	NV101713302	NV101713302	NMC1151152	NMC1150164	PLACER CLAIM	RV 0991	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
005	SE	NV101555285	NV101555285	NMC1151015	NMC1150164	PLACER CLAIM	RV 0853	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
005	SE	NV101555286	NV101555286	NMC1151016	NMC1150164	PLACER CLAIM	RV 0854	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
005	SE	NV101555287	NV101555287	NMC1151017	NMC1150164	PLACER CLAIM	RV 0855	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
005	SE	NV101555288	NV101555288	NMC1151018	NMC1150164	PLACER CLAIM	RV 0856	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
008	NE	NV101551837	NV101551837	NMC1150952	NMC1150164	PLACER CLAIM	RV 0790	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
008	NE	NV101551838	NV101551838	NMC1150953	NMC1150164	PLACER CLAIM	RV 0791	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
008	NE	NV101552970	NV101552970	NMC1150954	NMC1150164	PLACER CLAIM	RV 0792	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
008	NE	NV101552971	NV101552971	NMC1150955	NMC1150164	PLACER CLAIM	RV 0793	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
008	NE	NV101555289	NV101555289	NMC1151019	NMC1150164	PLACER CLAIM	RV 0857	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
008	NE	NV101555290	NV101555290	NMC1151020	NMC1150164	PLACER CLAIM	RV 0858	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
008	NE	NV101555291	NV101555291	NMC1151021	NMC1150164	PLACER CLAIM	RV 0859	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
008	NE	NV101555292	NV101555292	NMC1151022	NMC1150164	PLACER CLAIM	RV 0860	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
008	SE	NV101552972	NV101552972	NMC1150956	NMC1150164	PLACER CLAIM	RV 0794	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
008	SE	NV101552973	NV101552973	NMC1150957	NMC1150164	PLACER CLAIM	RV 0795	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
008	SE	NV101552974	NV101552974	NMC1150958	NMC1150164	PLACER CLAIM	RV 0796	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
008	SE	NV101552975	NV101552975	NMC1150959	NMC1150164	PLACER CLAIM	RV 0797	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
008	SE	NV101556419	NV101556419	NMC1151023	NMC1150164	PLACER CLAIM	RV 0861	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
008	SE	NV101556420	NV101556420	NMC1151024	NMC1150164	PLACER CLAIM	RV 0862	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
008	SE	NV101556421	NV101556421	NMC1151025	NMC1150164	PLACER CLAIM	RV 0863	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
008	SE	NV101556422	NV101556422	NMC1151026	NMC1150164	PLACER CLAIM	RV 0864	LITHIUM ORE CORP	7/22/2017	ACTIVE	9/1/2022	
009	NE	NV101551849	NV101551849	NMC1151288	NMC1150164	PLACER CLAIM	RV 1128	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
009	NE	NV101551850	NV101551850	NMC1151289	NMC1150164	PLACER CLAIM	RV 1129	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
009	NE	NV101551851	NV101551851	NMC1151290	NMC1150164	PLACER CLAIM	RV 1130	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	

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009	NE	NV101551852	NV101551852	NMC1151291	NMC1150164	PLACER CLAIM	RV 1131	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
009	NE	NV101716771	NV101716771	NMC1151220	NMC1150164	PLACER CLAIM	RV 1060	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
009	NE	NV101716772	NV101716772	NMC1151221	NMC1150164	PLACER CLAIM	RV 1061	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
009	NE	NV101716773	NV101716773	NMC1151222	NMC1150164	PLACER CLAIM	RV 1062	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
009	NE	NV101716774	NV101716774	NMC1151223	NMC1150164	PLACER CLAIM	RV 1063	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
009	NW	NV101558732	NV101558732	NMC1151087	NMC1150164	PLACER CLAIM	RV 0925	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
009	NW	NV101558733	NV101558733	NMC1151088	NMC1150164	PLACER CLAIM	RV 0926	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
009	NW	NV101559853	NV101559853	NMC1151089	NMC1150164	PLACER CLAIM	RV 0927	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
009	NW	NV101559854	NV101559854	NMC1151090	NMC1150164	PLACER CLAIM	RV 0928	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
009	NW	NV101713303	NV101713303	NMC1151153	NMC1150164	PLACER CLAIM	RV 0992	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
009	NW	NV101713304	NV101713304	NMC1151154	NMC1150164	PLACER CLAIM	RV 0993	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
009	NW	NV101713305	NV101713305	NMC1151155	NMC1150164	PLACER CLAIM	RV 0994	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
009	NW	NV101713306	NV101713306	NMC1151156	NMC1150164	PLACER CLAIM	RV 0995	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
009	SE	NV101551853	NV101551853	NMC1151292	NMC1150164	PLACER CLAIM	RV 1132	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
009	SE	NV101551854	NV101551854	NMC1151293	NMC1150164	PLACER CLAIM	RV 1133	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
009	SE	NV101551855	NV101551855	NMC1151294	NMC1150164	PLACER CLAIM	RV 1134	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
009	SE	NV101551856	NV101551856	NMC1151295	NMC1150164	PLACER CLAIM	RV 1135	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
009	SE	NV101716775	NV101716775	NMC1151224	NMC1150164	PLACER CLAIM	RV 1064	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
009	SE	NV101716776	NV101716776	NMC1151225	NMC1150164	PLACER CLAIM	RV 1065	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
009	SE	NV101716777	NV101716777	NMC1151226	NMC1150164	PLACER CLAIM	RV 1066	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
009	SE	NV101716778	NV101716778	NMC1151227	NMC1150164	PLACER CLAIM	RV 1067	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
009	SW	NV101559855	NV101559855	NMC1151091	NMC1150164	PLACER CLAIM	RV 0929	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
009	SW	NV101559856	NV101559856	NMC1151092	NMC1150164	PLACER CLAIM	RV 0930	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
009	SW	NV101559857	NV101559857	NMC1151093	NMC1150164	PLACER CLAIM	RV 0931	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
009	SW	NV101559858	NV101559858	NMC1151094	NMC1150164	PLACER CLAIM	RV 0932	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
009	SW	NV101713307	NV101713307	NMC1151157	NMC1150164	PLACER CLAIM	RV 0996	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
009	SW	NV101713308	NV101713308	NMC1151158	NMC1150164	PLACER CLAIM	RV 0997	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
009	SW	NV101713309	NV101713309	NMC1151159	NMC1150164	PLACER CLAIM	RV 0998	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
009	SW	NV101713310	NV101713310	NMC1151160	NMC1150164	PLACER CLAIM	RV 0999	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	NE	NV101713331	NV101713331	NMC1151505	NMC1150164	PLACER CLAIM	RV 1345	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	NE	NV101713332	NV101713332	NMC1151506	NMC1150164	PLACER CLAIM	RV 1346	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	

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								INC				
010	NE	NV101713333	NV101713333	NMC1151507	NMC1150164	PLACER CLAIM	RV 1347	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	NE	NV101713334	NV101713334	NMC1151508	NMC1150164	PLACER CLAIM	RV 1348	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	NE	NV101716793	NV101716793	NMC1151581	NMC1150164	PLACER CLAIM	RV 1421	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	NE	NV101716794	NV101716794	NMC1151582	NMC1150164	PLACER CLAIM	RV 1422	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	NE	NV101716795	NV101716795	NMC1151583	NMC1150164	PLACER CLAIM	RV 1423	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	NE	NV101716796	NV101716796	NMC1151584	NMC1150164	PLACER CLAIM	RV 1424	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	NW	NV101555308	NV101555308	NMC1151358	NMC1150164	PLACER CLAIM	RV 1198	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	NW	NV101555309	NV101555309	NMC1151359	NMC1150164	PLACER CLAIM	RV 1199	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	NW	NV101555310	NV101555310	NMC1151360	NMC1150164	PLACER CLAIM	RV 1200	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	NW	NV101555311	NV101555311	NMC1151361	NMC1150164	PLACER CLAIM	RV 1201	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	NW	NV101559874	NV101559874	NMC1151430	NMC1150164	PLACER CLAIM	RV 1270	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	NW	NV101559875	NV101559875	NMC1151431	NMC1150164	PLACER CLAIM	RV 1271	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	NW	NV101559876	NV101559876	NMC1151432	NMC1150164	PLACER CLAIM	RV 1272	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	NW	NV101559877	NV101559877	NMC1151433	NMC1150164	PLACER CLAIM	RV 1273	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	SE	NV101713335	NV101713335	NMC1151509	NMC1150164	PLACER CLAIM	RV 1349	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	SE	NV101713336	NV101713336	NMC1151510	NMC1150164	PLACER CLAIM	RV 1350	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	SE	NV101713337	NV101713337	NMC1151511	NMC1150164	PLACER CLAIM	RV 1351	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	SE	NV101713338	NV101713338	NMC1151512	NMC1150164	PLACER CLAIM	RV 1352	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	SE	NV101716797	NV101716797	NMC1151585	NMC1150164	PLACER CLAIM	RV 1425	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	SE	NV101716798	NV101716798	NMC1151586	NMC1150164	PLACER CLAIM	RV 1426	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	SE	NV101716799	NV101716799	NMC1151587	NMC1150164	PLACER CLAIM	RV 1427	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	SE	NV101716800	NV101716800	NMC1151588	NMC1150164	PLACER CLAIM	RV 1428	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	SW	NV101555312	NV101555312	NMC1151362	NMC1150164	PLACER CLAIM	RV 1202	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	SW	NV101556440	NV101556440	NMC1151363	NMC1150164	PLACER CLAIM	RV 1203	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	SW	NV101556441	NV101556441	NMC1151364	NMC1150164	PLACER CLAIM	RV 1204	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	SW	NV101556442	NV101556442	NMC1151365	NMC1150164	PLACER CLAIM	RV 1205	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	SW	NV101559878	NV101559878	NMC1151434	NMC1150164	PLACER CLAIM	RV 1274	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	SW	NV101559879	NV101559879	NMC1151435	NMC1150164	PLACER CLAIM	RV 1275	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	SW	NV101559880	NV101559880	NMC1151436	NMC1150164	PLACER CLAIM	RV 1276	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
010	SW	NV101559881	NV101559881	NMC1151437	NMC1150164	PLACER CLAIM	RV 1277	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	

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011	NE	NV101559898	NV101559898	NMC1151815	NMC1150164	PLACER CLAIM	RV 1655	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	NE	NV101559899	NV101559899	NMC1151816	NMC1150164	PLACER CLAIM	RV 1656	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	NE	NV101559900	NV101559900	NMC1151817	NMC1150164	PLACER CLAIM	RV 1657	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	NE	NV101559901	NV101559901	NMC1151818	NMC1150164	PLACER CLAIM	RV 1658	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	NE	NV101713345	NV101713345	NMC1151890	NMC1150164	PLACER CLAIM	RV 1730	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	NE	NV101713346	NV101713346	NMC1151891	NMC1150164	PLACER CLAIM	RV 1731	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	NE	NV101713347	NV101713347	NMC1151892	NMC1150164	PLACER CLAIM	RV 1732	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	NE	NV101713348	NV101713348	NMC1151893	NMC1150164	PLACER CLAIM	RV 1733	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	NW	NV101553019	NV101553019	NMC1151658	NMC1150164	PLACER CLAIM	RV 1498	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	NW	NV101553020	NV101553020	NMC1151659	NMC1150164	PLACER CLAIM	RV 1499	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	NW	NV101553021	NV101553021	NMC1151660	NMC1150164	PLACER CLAIM	RV 1500	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	NW	NV101553022	NV101553022	NMC1151661	NMC1150164	PLACER CLAIM	RV 1501	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	NW	NV101556466	NV101556466	NMC1151738	NMC1150164	PLACER CLAIM	RV 1578	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	NW	NV101556467	NV101556467	NMC1151739	NMC1150164	PLACER CLAIM	RV 1579	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	NW	NV101556468	NV101556468	NMC1151740	NMC1150164	PLACER CLAIM	RV 1580	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	NW	NV101556469	NV101556469	NMC1151741	NMC1150164	PLACER CLAIM	RV 1581	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	SE	NV101559902	NV101559902	NMC1151819	NMC1150164	PLACER CLAIM	RV 1659	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	SE	NV101559903	NV101559903	NMC1151820	NMC1150164	PLACER CLAIM	RV 1660	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	SE	NV101559904	NV101559904	NMC1151821	NMC1150164	PLACER CLAIM	RV 1661	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	SE	NV101559905	NV101559905	NMC1151822	NMC1150164	PLACER CLAIM	RV 1662	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	SE	NV101713349	NV101713349	NMC1151894	NMC1150164	PLACER CLAIM	RV 1734	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	SE	NV101713350	NV101713350	NMC1151895	NMC1150164	PLACER CLAIM	RV 1735	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	SE	NV101713351	NV101713351	NMC1151896	NMC1150164	PLACER CLAIM	RV 1736	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	SE	NV101713352	NV101713352	NMC1151897	NMC1150164	PLACER CLAIM	RV 1737	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	SW	NV101553023	NV101553023	NMC1151662	NMC1150164	PLACER CLAIM	RV 1502	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	SW	NV101553024	NV101553024	NMC1151663	NMC1150164	PLACER CLAIM	RV 1503	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	SW	NV101553025	NV101553025	NMC1151664	NMC1150164	PLACER CLAIM	RV 1504	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	SW	NV101553026	NV101553026	NMC1151665	NMC1150164	PLACER CLAIM	RV 1505	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	SW	NV101556470	NV101556470	NMC1151742	NMC1150164	PLACER CLAIM	RV 1582	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	SW	NV101556471	NV101556471	NMC1151743	NMC1150164	PLACER CLAIM	RV 1583	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
011	SW	NV101556472	NV101556472	NMC1151744	NMC1150164	PLACER CLAIM	RV 1584	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	

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Section	Quadrant	Serial Number	Lead File Number	Legacy Serial Number	Legacy Lead File Number	Claim Type	Claim Name	Claimant	Date Of Location	Case Disposition	Next Pmt Due Date	Closed Date
								INC				
011	SW	NV101556473	NV101556473	NMC1151745	NMC1150164	PLACER CLAIM	RV 1585	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	NE	NV101554197	NV101554197	NMC1152127	NMC1150164	PLACER CLAIM	RV 1984	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	NE	NV101554198	NV101554198	NMC1152128	NMC1150164	PLACER CLAIM	RV 1985	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	NE	NV101554199	NV101554199	NMC1152129	NMC1150164	PLACER CLAIM	RV 1986	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	NE	NV101554200	NV101554200	NMC1152130	NMC1150164	PLACER CLAIM	RV 1987	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	NE	NV101557650	NV101557650	NMC1152203	NMC1150164	PLACER CLAIM	RV 2073	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	NE	NV101557651	NV101557651	NMC1152204	NMC1150164	PLACER CLAIM	RV 2074	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	NE	NV101557652	NV101557652	NMC1152205	NMC1150164	PLACER CLAIM	RV 2075	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	NE	NV101557653	NV101557653	NMC1152206	NMC1150164	PLACER CLAIM	RV 2076	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	NW	NV101550753	NV101550753	NMC1152049	NMC1150164	PLACER CLAIM	RV 1893	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	NW	NV101550754	NV101550754	NMC1152050	NMC1150164	PLACER CLAIM	RV 1894	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	NW	NV101550755	NV101550755	NMC1152051	NMC1150164	PLACER CLAIM	RV 1895	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	NW	NV101551877	NV101551877	NMC1152052	NMC1150164	PLACER CLAIM	RV 1896	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	NW	NV101715671	NV101715671	NMC1151970	NMC1150164	PLACER CLAIM	RV 1811	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	NW	NV101716808	NV101716808	NMC1151971	NMC1150164	PLACER CLAIM	RV 1812	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	NW	NV101716809	NV101716809	NMC1151972	NMC1150164	PLACER CLAIM	RV 1813	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	NW	NV101716810	NV101716810	NMC1151973	NMC1150164	PLACER CLAIM	RV 1814	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	SE	NV101551898	NV101551898	NMC1152210	NMC1150164	PLACER CLAIM	RV 2080	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	SE	NV101555334	NV101555334	NMC1152131	NMC1150164	PLACER CLAIM	RV 1988	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	SE	NV101555335	NV101555335	NMC1152132	NMC1150164	PLACER CLAIM	RV 1989	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	SE	NV101555336	NV101555336	NMC1152133	NMC1150164	PLACER CLAIM	RV 1990	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	SE	NV101555337	NV101555337	NMC1152134	NMC1150164	PLACER CLAIM	RV 1991	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	SE	NV101557654	NV101557654	NMC1152207	NMC1150164	PLACER CLAIM	RV 2077	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	SE	NV101557655	NV101557655	NMC1152208	NMC1150164	PLACER CLAIM	RV 2078	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	SE	NV101557656	NV101557656	NMC1152209	NMC1150164	PLACER CLAIM	RV 2079	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	SW	NV101551878	NV101551878	NMC1152053	NMC1150164	PLACER CLAIM	RV 1897	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	SW	NV101551879	NV101551879	NMC1152054	NMC1150164	PLACER CLAIM	RV 1898	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	SW	NV101551880	NV101551880	NMC1152055	NMC1150164	PLACER CLAIM	RV 1899	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	SW	NV101551881	NV101551881	NMC1152056	NMC1150164	PLACER CLAIM	RV 1900	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	SW	NV101716811	NV101716811	NMC1151974	NMC1150164	PLACER CLAIM	RV 1815	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	

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012	SW	NV101716812	NV101716812	NMC1151975	NMC1150164	PLACER CLAIM	RV 1816	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	SW	NV101716813	NV101716813	NMC1151976	NMC1150164	PLACER CLAIM	RV 1817	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
012	SW	NV101716814	NV101716814	NMC1151977	NMC1150164	PLACER CLAIM	RV 1818	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	NE	NV101551899	NV101551899	NMC1152211	NMC1150164	PLACER CLAIM	RV 2081	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	NE	NV101551900	NV101551900	NMC1152212	NMC1150164	PLACER CLAIM	RV 2082	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	NE	NV101551901	NV101551901	NMC1152213	NMC1150164	PLACER CLAIM	RV 2083	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	NE	NV101551902	NV101551902	NMC1152214	NMC1150164	PLACER CLAIM	RV 2084	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	NE	NV101555338	NV101555338	NMC1152135	NMC1150164	PLACER CLAIM	RV 1992	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	NE	NV101555339	NV101555339	NMC1152136	NMC1150164	PLACER CLAIM	RV 1993	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	NE	NV101555340	NV101555340	NMC1152137	NMC1150164	PLACER CLAIM	RV 1994	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	NE	NV101555341	NV101555341	NMC1152138	NMC1150164	PLACER CLAIM	RV 1995	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	NW	NV101551882	NV101551882	NMC1152057	NMC1150164	PLACER CLAIM	RV 1901	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	NW	NV101551883	NV101551883	NMC1152058	NMC1150164	PLACER CLAIM	RV 1902	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	NW	NV101551884	NV101551884	NMC1152059	NMC1150164	PLACER CLAIM	RV 1903	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	NW	NV101551885	NV101551885	NMC1152060	NMC1150164	PLACER CLAIM	RV 1904	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	NW	NV101716815	NV101716815	NMC1151978	NMC1150164	PLACER CLAIM	RV 1819	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	NW	NV101716816	NV101716816	NMC1151979	NMC1150164	PLACER CLAIM	RV 1820	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	NW	NV101716817	NV101716817	NMC1151980	NMC1150164	PLACER CLAIM	RV 1821	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	NW	NV101716818	NV101716818	NMC1151981	NMC1150164	PLACER CLAIM	RV 1822	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	SE	NV101551903	NV101551903	NMC1152215	NMC1150164	PLACER CLAIM	RV 2085	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	SE	NV101551904	NV101551904	NMC1152216	NMC1150164	PLACER CLAIM	RV 2086	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	SE	NV101551905	NV101551905	NMC1152217	NMC1150164	PLACER CLAIM	RV 2087	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	SE	NV101551906	NV101551906	NMC1152218	NMC1150164	PLACER CLAIM	RV 2088	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	SE	NV101555342	NV101555342	NMC1152139	NMC1150164	PLACER CLAIM	RV 1996	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	SE	NV101555343	NV101555343	NMC1152140	NMC1150164	PLACER CLAIM	RV 1997	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	SE	NV101555344	NV101555344	NMC1152141	NMC1150164	PLACER CLAIM	RV 1998	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	SE	NV101555345	NV101555345	NMC1152142	NMC1150164	PLACER CLAIM	RV 1999	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	SW	NV101551886	NV101551886	NMC1152061	NMC1150164	PLACER CLAIM	RV 1905	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	SW	NV101551887	NV101551887	NMC1152062	NMC1150164	PLACER CLAIM	RV 1906	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	SW	NV101551888	NV101551888	NMC1152063	NMC1150164	PLACER CLAIM	RV 1907	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	SW	NV101551889	NV101551889	NMC1152064	NMC1150164	PLACER CLAIM	RV 1908	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	

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								INC				
013	SW	NV101716819	NV101716819	NMC1151982	NMC1150164	PLACER CLAIM	RV 1823	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	SW	NV101716820	NV101716820	NMC1151983	NMC1150164	PLACER CLAIM	RV 1824	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	SW	NV101716821	NV101716821	NMC1151984	NMC1150164	PLACER CLAIM	RV 1825	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
013	SW	NV101716822	NV101716822	NMC1151985	NMC1150164	PLACER CLAIM	RV 1826	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	NE	NV101559906	NV101559906	NMC1151823	NMC1150164	PLACER CLAIM	RV 1663	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	NE	NV101559907	NV101559907	NMC1151824	NMC1150164	PLACER CLAIM	RV 1664	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	NE	NV101559908	NV101559908	NMC1151825	NMC1150164	PLACER CLAIM	RV 1665	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	NE	NV101559909	NV101559909	NMC1151826	NMC1150164	PLACER CLAIM	RV 1666	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	NE	NV101713353	NV101713353	NMC1151898	NMC1150164	PLACER CLAIM	RV 1738	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	NE	NV101713354	NV101713354	NMC1151899	NMC1150164	PLACER CLAIM	RV 1739	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	NE	NV101713355	NV101713355	NMC1151900	NMC1150164	PLACER CLAIM	RV 1740	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	NE	NV101713356	NV101713356	NMC1151901	NMC1150164	PLACER CLAIM	RV 1741	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	NW	NV101553027	NV101553027	NMC1151666	NMC1150164	PLACER CLAIM	RV 1506	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	NW	NV101553028	NV101553028	NMC1151667	NMC1150164	PLACER CLAIM	RV 1507	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	NW	NV101553029	NV101553029	NMC1151668	NMC1150164	PLACER CLAIM	RV 1508	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	NW	NV101553030	NV101553030	NMC1151669	NMC1150164	PLACER CLAIM	RV 1509	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	NW	NV101556474	NV101556474	NMC1151746	NMC1150164	PLACER CLAIM	RV 1586	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	NW	NV101556475	NV101556475	NMC1151747	NMC1150164	PLACER CLAIM	RV 1587	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	NW	NV101556476	NV101556476	NMC1151748	NMC1150164	PLACER CLAIM	RV 1588	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	NW	NV101556477	NV101556477	NMC1151749	NMC1150164	PLACER CLAIM	RV 1589	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	SE	NV101559910	NV101559910	NMC1151827	NMC1150164	PLACER CLAIM	RV 1667	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	SE	NV101559911	NV101559911	NMC1151828	NMC1150164	PLACER CLAIM	RV 1668	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	SE	NV101559912	NV101559912	NMC1151829	NMC1150164	PLACER CLAIM	RV 1670	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	SE	NV101559913	NV101559913	NMC1151830	NMC1150164	PLACER CLAIM	RV 1670	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	SE	NV101713357	NV101713357	NMC1151902	NMC1150164	PLACER CLAIM	RV 1742	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	SE	NV101713358	NV101713358	NMC1151903	NMC1150164	PLACER CLAIM	RV 1743	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	SE	NV101713359	NV101713359	NMC1151904	NMC1150164	PLACER CLAIM	RV 1744	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	SE	NV101713360	NV101713360	NMC1151905	NMC1150164	PLACER CLAIM	RV 1745	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	SW	NV101553031	NV101553031	NMC1151670	NMC1150164	PLACER CLAIM	RV 1510	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	SW	NV101553032	NV101553032	NMC1151671	NMC1150164	PLACER CLAIM	RV 1511	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	

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014	SW	NV101554159	NV101554159	NMC1151672	NMC1150164	PLACER CLAIM	RV 1512	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	SW	NV101554160	NV101554160	NMC1151673	NMC1150164	PLACER CLAIM	RV 1513	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	SW	NV101556478	NV101556478	NMC1151750	NMC1150164	PLACER CLAIM	RV 1590	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	SW	NV101556479	NV101556479	NMC1151751	NMC1150164	PLACER CLAIM	RV 1591	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	SW	NV101556480	NV101556480	NMC1151752	NMC1150164	PLACER CLAIM	RV 1592	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
014	SW	NV101556481	NV101556481	NMC1151753	NMC1150164	PLACER CLAIM	RV 1593	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	NE	NV101713339	NV101713339	NMC1151513	NMC1150164	PLACER CLAIM	RV 1353	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	NE	NV101713340	NV101713340	NMC1151514	NMC1150164	PLACER CLAIM	RV 1354	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	NE	NV101713341	NV101713341	NMC1151515	NMC1150164	PLACER CLAIM	RV 1355	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	NE	NV101713342	NV101713342	NMC1151516	NMC1150164	PLACER CLAIM	RV 1356	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	NE	NV101716801	NV101716801	NMC1151589	NMC1150164	PLACER CLAIM	RV 1429	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	NE	NV101716802	NV101716802	NMC1151590	NMC1150164	PLACER CLAIM	RV 1430	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	NE	NV101716803	NV101716803	NMC1151591	NMC1150164	PLACER CLAIM	RV 1431	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	NE	NV101716804	NV101716804	NMC1151592	NMC1150164	PLACER CLAIM	RV 1432	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	NW	NV101556443	NV101556443	NMC1151366	NMC1150164	PLACER CLAIM	RV 1206	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	NW	NV101556445	NV101556445	NMC1151368	NMC1150164	PLACER CLAIM	RV 1208	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	NW	NV101556446	NV101556446	NMC1151369	NMC1150164	PLACER CLAIM	RV 1209	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	NW	NV101556447	NV101556447	NMC1151370	NMC1150164	PLACER CLAIM	RV 1210	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	NW	NV101559882	NV101559882	NMC1151438	NMC1150164	PLACER CLAIM	RV 1278	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	NW	NV101559883	NV101559883	NMC1151440	NMC1150164	PLACER CLAIM	RV 1280	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	NW	NV101559884	NV101559884	NMC1151441	NMC1150164	PLACER CLAIM	RV 1281	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	NW	NV101559885	NV101559885	NMC1151442	NMC1150164	PLACER CLAIM	RV 1282	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	SE	NV101713343	NV101713343	NMC1151517	NMC1150164	PLACER CLAIM	RV 1357	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	SE	NV101714468	NV101714468	NMC1151518	NMC1150164	PLACER CLAIM	RV 1358	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	SE	NV101714469	NV101714469	NMC1151519	NMC1150164	PLACER CLAIM	RV 1359	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	SE	NV101714470	NV101714470	NMC1151520	NMC1150164	PLACER CLAIM	RV 1360	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	SE	NV101716805	NV101716805	NMC1151593	NMC1150164	PLACER CLAIM	RV 1433	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	SE	NV101716806	NV101716806	NMC1151594	NMC1150164	PLACER CLAIM	RV 1434	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	SE	NV101716807	NV101716807	NMC1151595	NMC1150164	PLACER CLAIM	RV 1435	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	SE	NV101869587	NV101869587	NMC1151596	NMC1150164	PLACER CLAIM	RV 1436	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	SW	NV101556448	NV101556448	NMC1151371	NMC1150164	PLACER CLAIM	RV 1211	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	

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Section	Quadrant	Serial Number	Lead File Number	Legacy Serial Number	Legacy Lead File Number	Claim Type	Claim Name	Claimant	Date Of Location	Case Disposition	Next Pmt Due Date	Closed Date
								INC				
015	SW	NV101556449	NV101556449	NMC1151372	NMC1150164	PLACER CLAIM	RV 1212	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	SW	NV101556450	NV101556450	NMC1151373	NMC1150164	PLACER CLAIM	RV 1213	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	SW	NV101556451	NV101556451	NMC1151374	NMC1150164	PLACER CLAIM	RV 1214	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	SW	NV101559886	NV101559886	NMC1151443	NMC1150164	PLACER CLAIM	RV 1283	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	SW	NV101559887	NV101559887	NMC1151444	NMC1150164	PLACER CLAIM	RV 1284	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	SW	NV101559888	NV101559888	NMC1151445	NMC1150164	PLACER CLAIM	RV 1285	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
015	SW	NV101559889	NV101559889	NMC1151446	NMC1150164	PLACER CLAIM	RV 1286	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	NE	NV101551857	NV101551857	NMC1151296	NMC1150164	PLACER CLAIM	RV 1136	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	NE	NV101551858	NV101551858	NMC1151298	NMC1150164	PLACER CLAIM	RV 1138	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	NE	NV101551859	NV101551859	NMC1151299	NMC1150164	PLACER CLAIM	RV 1139	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	NE	NV101552991	NV101552991	NMC1151300	NMC1150164	PLACER CLAIM	RV 1140	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	NE	NV101716779	NV101716779	NMC1151228	NMC1150164	PLACER CLAIM	RV 1068	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	NE	NV101716780	NV101716780	NMC1151229	NMC1150164	PLACER CLAIM	RV 1069	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	NE	NV101716781	NV101716781	NMC1151230	NMC1150164	PLACER CLAIM	RV 1070	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	NE	NV101716782	NV101716782	NMC1151231	NMC1150164	PLACER CLAIM	RV 1071	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	NW	NV101559859	NV101559859	NMC1151095	NMC1150164	PLACER CLAIM	RV 0933	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	NW	NV101559860	NV101559860	NMC1151096	NMC1150164	PLACER CLAIM	RV 0934	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	NW	NV101559861	NV101559861	NMC1151097	NMC1150164	PLACER CLAIM	RV 0935	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	NW	NV101559862	NV101559862	NMC1151098	NMC1150164	PLACER CLAIM	RV 0936	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	NW	NV101713311	NV101713311	NMC1151161	NMC1150164	PLACER CLAIM	RV 1000	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	NW	NV101713312	NV101713312	NMC1151162	NMC1150164	PLACER CLAIM	RV 1001	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	NW	NV101713313	NV101713313	NMC1151163	NMC1150164	PLACER CLAIM	RV 1002	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	NW	NV101713314	NV101713314	NMC1151164	NMC1150164	PLACER CLAIM	RV 1003	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	SE	NV101552992	NV101552992	NMC1151301	NMC1150164	PLACER CLAIM	RV 1141	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	SE	NV101552993	NV101552993	NMC1151302	NMC1150164	PLACER CLAIM	RV 1142	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	SE	NV101552994	NV101552994	NMC1151303	NMC1150164	PLACER CLAIM	RV 1143	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	SE	NV101552995	NV101552995	NMC1151304	NMC1150164	PLACER CLAIM	RV 1144	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	SE	NV101716783	NV101716783	NMC1151232	NMC1150164	PLACER CLAIM	RV 1072	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	SE	NV101716784	NV101716784	NMC1151233	NMC1150164	PLACER CLAIM	RV 1073	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	SE	NV101716785	NV101716785	NMC1151234	NMC1150164	PLACER CLAIM	RV 1074	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	

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016	SE	NV101716786	NV101716786	NMC1151235	NMC1150164	PLACER CLAIM	RV 1075	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	SW	NV101559863	NV101559863	NMC1151099	NMC1150164	PLACER CLAIM	RV 0937	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	SW	NV101559864	NV101559864	NMC1151100	NMC1150164	PLACER CLAIM	RV 0938	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	SW	NV101559865	NV101559865	NMC1151101	NMC1150164	PLACER CLAIM	RV 0939	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	SW	NV101559866	NV101559866	NMC1151102	NMC1150164	PLACER CLAIM	RV 0940	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	SW	NV101713315	NV101713315	NMC1151165	NMC1150164	PLACER CLAIM	RV 1004	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	SW	NV101713316	NV101713316	NMC1151166	NMC1150164	PLACER CLAIM	RV 1005	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	SW	NV101713317	NV101713317	NMC1151167	NMC1150164	PLACER CLAIM	RV 1006	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
016	SW	NV101713318	NV101713318	NMC1151168	NMC1150164	PLACER CLAIM	RV 1007	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
017	NE	NV101556423	NV101556423	NMC1151030	NMC1150164	PLACER CLAIM	RV 0868	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
017	SE	NV101552976	NV101552976	NMC1150966	NMC1150164	PLACER CLAIM	RV 0804	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
017	SE	NV101552977	NV101552977	NMC1150967	NMC1150164	PLACER CLAIM	RV 0805	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
017	SE	NV101556424	NV101556424	NMC1151031	NMC1150164	PLACER CLAIM	RV 0869	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
017	SE	NV101556425	NV101556425	NMC1151032	NMC1150164	PLACER CLAIM	RV 0870	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
017	SE	NV101556426	NV101556426	NMC1151033	NMC1150164	PLACER CLAIM	RV 0871	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
017	SE	NV101556427	NV101556427	NMC1151034	NMC1150164	PLACER CLAIM	RV 0872	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	NE	NV101552978	NV101552978	NMC1150968	NMC1150164	PLACER CLAIM	RV 0806	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	NE	NV101552979	NV101552979	NMC1150969	NMC1150164	PLACER CLAIM	RV 0807	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	NE	NV101552980	NV101552980	NMC1150970	NMC1150164	PLACER CLAIM	RV 0808	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	NE	NV101552981	NV101552981	NMC1150971	NMC1150164	PLACER CLAIM	RV 0809	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	NE	NV101556428	NV101556428	NMC1151035	NMC1150164	PLACER CLAIM	RV 0873	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	NE	NV101556429	NV101556429	NMC1151036	NMC1150164	PLACER CLAIM	RV 0874	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	NE	NV101556430	NV101556430	NMC1151037	NMC1150164	PLACER CLAIM	RV 0875	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	NE	NV101556431	NV101556431	NMC1151038	NMC1150164	PLACER CLAIM	RV 0876	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	NW	NV101869559	NV101869559	NMC1150903	NMC1150164	PLACER CLAIM	RV 0741	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	NW	NV101869560	NV101869560	NMC1150904	NMC1150164	PLACER CLAIM	RV 0742	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	NW	NV101869561	NV101869561	NMC1150905	NMC1150164	PLACER CLAIM	RV 0743	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	SE	NV101552982	NV101552982	NMC1150972	NMC1150164	PLACER CLAIM	RV 0810	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	SE	NV101552983	NV101552983	NMC1150973	NMC1150164	PLACER CLAIM	RV 0811	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	SE	NV101552984	NV101552984	NMC1150974	NMC1150164	PLACER CLAIM	RV 0812	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	SE	NV101552985	NV101552985	NMC1150975	NMC1150164	PLACER CLAIM	RV 0813	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	

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								INC				
020	SE	NV101556432	NV101556432	NMC1151039	NMC1150164	PLACER CLAIM	RV 0877	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	SE	NV101556433	NV101556433	NMC1151040	NMC1150164	PLACER CLAIM	RV 0878	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	SE	NV101556434	NV101556434	NMC1151041	NMC1150164	PLACER CLAIM	RV 0879	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	SE	NV101556435	NV101556435	NMC1151042	NMC1150164	PLACER CLAIM	RV 0880	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	SW	NV101715579	NV101715579	NMC1150841	NMC1150164	PLACER CLAIM	RV 0679	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	SW	NV101715580	NV101715580	NMC1150842	NMC1150164	PLACER CLAIM	RV 0680	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	SW	NV101715581	NV101715581	NMC1150843	NMC1150164	PLACER CLAIM	RV 0681	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	SW	NV101715582	NV101715582	NMC1150844	NMC1150164	PLACER CLAIM	RV 0682	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	SW	NV101869562	NV101869562	NMC1150906	NMC1150164	PLACER CLAIM	RV 0744	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	SW	NV101869563	NV101869563	NMC1150907	NMC1150164	PLACER CLAIM	RV 0745	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	SW	NV101869564	NV101869564	NMC1150908	NMC1150164	PLACER CLAIM	RV 0746	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
020	SW	NV101869565	NV101869565	NMC1150909	NMC1150164	PLACER CLAIM	RV 0747	3PL OPERATING INC	7/22/2017	ACTIVE	9/1/2022	
021	NE	NV101552996	NV101552996	NMC1151305	NMC1150164	PLACER CLAIM	RV 1145	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	NE	NV101552997	NV101552997	NMC1151306	NMC1150164	PLACER CLAIM	RV 1146	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	NE	NV101552998	NV101552998	NMC1151307	NMC1150164	PLACER CLAIM	RV 1147	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	NE	NV101552999	NV101552999	NMC1151308	NMC1150164	PLACER CLAIM	RV 1148	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	NE	NV101869566	NV101869566	NMC1151236	NMC1150164	PLACER CLAIM	RV 1076	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	NE	NV101869567	NV101869567	NMC1151237	NMC1150164	PLACER CLAIM	RV 1077	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	NE	NV101869568	NV101869568	NMC1151238	NMC1150164	PLACER CLAIM	RV 1078	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	NE	NV101869569	NV101869569	NMC1151239	NMC1150164	PLACER CLAIM	RV 1079	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	NW	NV101559867	NV101559867	NMC1151103	NMC1150164	PLACER CLAIM	RV 0941	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	NW	NV101559868	NV101559868	NMC1151104	NMC1150164	PLACER CLAIM	RV 0942	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	NW	NV101559869	NV101559869	NMC1151105	NMC1150164	PLACER CLAIM	RV 0943	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	NW	NV101559870	NV101559870	NMC1151106	NMC1150164	PLACER CLAIM	RV 0944	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	NW	NV101713319	NV101713319	NMC1151169	NMC1150164	PLACER CLAIM	RV 1008	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	NW	NV101713320	NV101713320	NMC1151170	NMC1150164	PLACER CLAIM	RV 1009	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	NW	NV101713321	NV101713321	NMC1151171	NMC1150164	PLACER CLAIM	RV 1010	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	NW	NV101713322	NV101713322	NMC1151172	NMC1150164	PLACER CLAIM	RV 1011	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	SE	NV101553000	NV101553000	NMC1151309	NMC1150164	PLACER CLAIM	RV 1149	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	SE	NV101553001	NV101553001	NMC1151310	NMC1150164	PLACER CLAIM	RV 1150	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	

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021	SE	NV101553002	NV101553002	NMC1151311	NMC1150164	PLACER CLAIM	RV 1151	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	SE	NV101553003	NV101553003	NMC1151312	NMC1150164	PLACER CLAIM	RV 1152	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	SE	NV101869570	NV101869570	NMC1151240	NMC1150164	PLACER CLAIM	RV 1080	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	SE	NV101869571	NV101869571	NMC1151241	NMC1150164	PLACER CLAIM	RV 1081	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	SE	NV101869572	NV101869572	NMC1151242	NMC1150164	PLACER CLAIM	RV 1082	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	SE	NV101869573	NV101869573	NMC1151243	NMC1150164	PLACER CLAIM	RV 1083	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	SW	NV101559871	NV101559871	NMC1151107	NMC1150164	PLACER CLAIM	RV 0945	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	SW	NV101559872	NV101559872	NMC1151108	NMC1150164	PLACER CLAIM	RV 0946	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	SW	NV101559873	NV101559873	NMC1151109	NMC1150164	PLACER CLAIM	RV 0947	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	SW	NV101711006	NV101711006	NMC1151110	NMC1150164	PLACER CLAIM	RV 0948	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	SW	NV101714447	NV101714447	NMC1151173	NMC1150164	PLACER CLAIM	RV 1012	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	SW	NV101714448	NV101714448	NMC1151174	NMC1150164	PLACER CLAIM	RV 1013	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	SW	NV101714449	NV101714449	NMC1151175	NMC1150164	PLACER CLAIM	RV 1014	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
021	SW	NV101714450	NV101714450	NMC1151176	NMC1150164	PLACER CLAIM	RV 1015	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	NE	NV101714471	NV101714471	NMC1151521	NMC1150164	PLACER CLAIM	RV 1361	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	NE	NV101714472	NV101714472	NMC1151522	NMC1150164	PLACER CLAIM	RV 1362	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	NE	NV101714473	NV101714473	NMC1151523	NMC1150164	PLACER CLAIM	RV 1363	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	NE	NV101714474	NV101714474	NMC1151524	NMC1150164	PLACER CLAIM	RV 1364	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	NE	NV101869588	NV101869588	NMC1151597	NMC1150164	PLACER CLAIM	RV 1437	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	NE	NV101869589	NV101869589	NMC1151598	NMC1150164	PLACER CLAIM	RV 1438	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	NE	NV101869590	NV101869590	NMC1151599	NMC1150164	PLACER CLAIM	RV 1439	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	NE	NV101869591	NV101869591	NMC1151600	NMC1150164	PLACER CLAIM	RV 1440	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	NW	NV101556452	NV101556452	NMC1151375	NMC1150164	PLACER CLAIM	RV 1215	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	NW	NV101556453	NV101556453	NMC1151376	NMC1150164	PLACER CLAIM	RV 1216	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	NW	NV101556454	NV101556454	NMC1151377	NMC1150164	PLACER CLAIM	RV 1217	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	NW	NV101556455	NV101556455	NMC1151378	NMC1150164	PLACER CLAIM	RV 1218	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	NW	NV101559890	NV101559890	NMC1151447	NMC1150164	PLACER CLAIM	RV 1287	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	NW	NV101559891	NV101559891	NMC1151448	NMC1150164	PLACER CLAIM	RV 1288	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	NW	NV101559892	NV101559892	NMC1151449	NMC1150164	PLACER CLAIM	RV 1289	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	NW	NV101559893	NV101559893	NMC1151450	NMC1150164	PLACER CLAIM	RV 1290	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	SE	NV101714475	NV101714475	NMC1151525	NMC1150164	PLACER CLAIM	RV 1365	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	

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								INC				
022	SE	NV101714476	NV101714476	NMC1151526	NMC1150164	PLACER CLAIM	RV 1366	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	SE	NV101714477	NV101714477	NMC1151527	NMC1150164	PLACER CLAIM	RV 1367	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	SE	NV101714478	NV101714478	NMC1151528	NMC1150164	PLACER CLAIM	RV 1368	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	SE	NV101869592	NV101869592	NMC1151601	NMC1150164	PLACER CLAIM	RV 1441	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	SE	NV101869593	NV101869593	NMC1151602	NMC1150164	PLACER CLAIM	RV 1442	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	SE	NV101869594	NV101869594	NMC1151603	NMC1150164	PLACER CLAIM	RV 1443	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	SE	NV101869595	NV101869595	NMC1151604	NMC1150164	PLACER CLAIM	RV 1444	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	SW	NV101556456	NV101556456	NMC1151379	NMC1150164	PLACER CLAIM	RV 1219	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	SW	NV101556457	NV101556457	NMC1151380	NMC1150164	PLACER CLAIM	RV 1220	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	SW	NV101556458	NV101556458	NMC1151381	NMC1150164	PLACER CLAIM	RV 1221	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	SW	NV101556459	NV101556459	NMC1151382	NMC1150164	PLACER CLAIM	RV 1222	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	SW	NV101559894	NV101559894	NMC1151451	NMC1150164	PLACER CLAIM	RV 1291	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	SW	NV101711027	NV101711027	NMC1151452	NMC1150164	PLACER CLAIM	RV 1292	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	SW	NV101711028	NV101711028	NMC1151453	NMC1150164	PLACER CLAIM	RV 1293	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
022	SW	NV101711029	NV101711029	NMC1151454	NMC1150164	PLACER CLAIM	RV 1294	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	NE	NV101559914	NV101559914	NMC1151831	NMC1150164	PLACER CLAIM	RV 1671	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	NE	NV101559915	NV101559915	NMC1151832	NMC1150164	PLACER CLAIM	RV 1672	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	NE	NV101711047	NV101711047	NMC1151833	NMC1150164	PLACER CLAIM	RV 1673	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	NE	NV101711048	NV101711048	NMC1151834	NMC1150164	PLACER CLAIM	RV 1674	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	NE	NV101713361	NV101713361	NMC1151906	NMC1150164	PLACER CLAIM	RV 1746	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	NE	NV101713362	NV101713362	NMC1151907	NMC1150164	PLACER CLAIM	RV 1747	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	NE	NV101713363	NV101713363	NMC1151908	NMC1150164	PLACER CLAIM	RV 1748	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	NE	NV101713364	NV101713364	NMC1151909	NMC1150164	PLACER CLAIM	RV 1749	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	NW	NV101554161	NV101554161	NMC1151674	NMC1150164	PLACER CLAIM	RV 1514	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	NW	NV101554162	NV101554162	NMC1151675	NMC1150164	PLACER CLAIM	RV 1515	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	NW	NV101554163	NV101554163	NMC1151676	NMC1150164	PLACER CLAIM	RV 1516	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	NW	NV101554164	NV101554164	NMC1151677	NMC1150164	PLACER CLAIM	RV 1517	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	NW	NV101557603	NV101557603	NMC1151754	NMC1150164	PLACER CLAIM	RV 1594	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	NW	NV101557604	NV101557604	NMC1151755	NMC1150164	PLACER CLAIM	RV 1595	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	NW	NV101557605	NV101557605	NMC1151756	NMC1150164	PLACER CLAIM	RV 1596	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	

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023	NW	NV101557606	NV101557606	NMC1151757	NMC1150164	PLACER CLAIM	RV 1597	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	SE	NV101711049	NV101711049	NMC1151835	NMC1150164	PLACER CLAIM	RV 1675	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	SE	NV101711050	NV101711050	NMC1151836	NMC1150164	PLACER CLAIM	RV 1676	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	SE	NV101711051	NV101711051	NMC1151837	NMC1150164	PLACER CLAIM	RV 1677	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	SE	NV101711052	NV101711052	NMC1151838	NMC1150164	PLACER CLAIM	RV 1678	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	SE	NV101714489	NV101714489	NMC1151910	NMC1150164	PLACER CLAIM	RV 1750	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	SE	NV101714490	NV101714490	NMC1151911	NMC1150164	PLACER CLAIM	RV 1751	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	SE	NV101714491	NV101714491	NMC1151912	NMC1150164	PLACER CLAIM	RV 1752	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	SE	NV101714492	NV101714492	NMC1151913	NMC1150164	PLACER CLAIM	RV 1753	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	SW	NV101554165	NV101554165	NMC1151678	NMC1150164	PLACER CLAIM	RV 1518	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	SW	NV101554166	NV101554166	NMC1151679	NMC1150164	PLACER CLAIM	RV 1519	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	SW	NV101554167	NV101554167	NMC1151680	NMC1150164	PLACER CLAIM	RV 1520	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	SW	NV101554168	NV101554168	NMC1151681	NMC1150164	PLACER CLAIM	RV 1521	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	SW	NV101557607	NV101557607	NMC1151758	NMC1150164	PLACER CLAIM	RV 1598	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	SW	NV101557608	NV101557608	NMC1151759	NMC1150164	PLACER CLAIM	RV 1599	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	SW	NV101557609	NV101557609	NMC1151760	NMC1150164	PLACER CLAIM	RV 1600	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
023	SW	NV101557610	NV101557610	NMC1151761	NMC1150164	PLACER CLAIM	RV 1601	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	NE	NV101551907	NV101551907	NMC1152219	NMC1150164	PLACER CLAIM	RV 2089	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	NE	NV101551908	NV101551908	NMC1152220	NMC1150164	PLACER CLAIM	RV 2090	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	NE	NV101551909	NV101551909	NMC1152221	NMC1150164	PLACER CLAIM	RV 2091	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	NE	NV101551910	NV101551910	NMC1152222	NMC1150164	PLACER CLAIM	RV 2092	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	NE	NV101555346	NV101555346	NMC1152143	NMC1150164	PLACER CLAIM	RV 2000	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	NE	NV101555347	NV101555347	NMC1152144	NMC1150164	PLACER CLAIM	RV 2001	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	NE	NV101555348	NV101555348	NMC1152145	NMC1150164	PLACER CLAIM	RV 2002	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	NE	NV101555349	NV101555349	NMC1152146	NMC1150164	PLACER CLAIM	RV 2003	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	NW	NV101551890	NV101551890	NMC1152065	NMC1150164	PLACER CLAIM	RV 1909	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	NW	NV101551891	NV101551891	NMC1152066	NMC1150164	PLACER CLAIM	RV 1910	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	NW	NV101551892	NV101551892	NMC1152067	NMC1150164	PLACER CLAIM	RV 1911	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	NW	NV101551893	NV101551893	NMC1152068	NMC1150164	PLACER CLAIM	RV 1912	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	NW	NV101716823	NV101716823	NMC1151986	NMC1150164	PLACER CLAIM	RV 1827	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	NW	NV101716824	NV101716824	NMC1151987	NMC1150164	PLACER CLAIM	RV 1828	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	

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								INC				
024	NW	NV101716825	NV101716825	NMC1151988	NMC1150164	PLACER CLAIM	RV 1829	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	NW	NV101716826	NV101716826	NMC1151989	NMC1150164	PLACER CLAIM	RV 1830	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	SE	NV101551911	NV101551911	NMC1152223	NMC1150164	PLACER CLAIM	RV 2093	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	SE	NV101551912	NV101551912	NMC1152224	NMC1150164	PLACER CLAIM	RV 2094	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	SE	NV101551913	NV101551913	NMC1152225	NMC1150164	PLACER CLAIM	RV 2095	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	SE	NV101551914	NV101551914	NMC1152226	NMC1150164	PLACER CLAIM	RV 2096	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	SE	NV101555350	NV101555350	NMC1152147	NMC1150164	PLACER CLAIM	RV 2004	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	SE	NV101555351	NV101555351	NMC1152148	NMC1150164	PLACER CLAIM	RV 2005	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	SE	NV101555352	NV101555352	NMC1152149	NMC1150164	PLACER CLAIM	RV 2006	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	SE	NV101555353	NV101555353	NMC1152150	NMC1150164	PLACER CLAIM	RV 2007	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	SW	NV101551894	NV101551894	NMC1152069	NMC1150164	PLACER CLAIM	RV 1913	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	SW	NV101551895	NV101551895	NMC1152070	NMC1150164	PLACER CLAIM	RV 1914	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	SW	NV101551896	NV101551896	NMC1152071	NMC1150164	PLACER CLAIM	RV 1915	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	SW	NV101551897	NV101551897	NMC1152072	NMC1150164	PLACER CLAIM	RV 1916	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	SW	NV101716827	NV101716827	NMC1151990	NMC1150164	PLACER CLAIM	RV 1831	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	SW	NV101716828	NV101716828	NMC1151991	NMC1150164	PLACER CLAIM	RV 1832	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	SW	NV101869608	NV101869608	NMC1151992	NMC1150164	PLACER CLAIM	RV 1833	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
024	SW	NV101869609	NV101869609	NMC1151993	NMC1150164	PLACER CLAIM	RV 1834	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
025	NE	NV101555354	NV101555354	NMC1152151	NMC1150164	PLACER CLAIM	RV 2008	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
025	NE	NV101556482	NV101556482	NMC1152152	NMC1150164	PLACER CLAIM	RV 2009	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
025	NW	NV101553033	NV101553033	NMC1152073	NMC1150164	PLACER CLAIM	RV 1917	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
025	NW	NV101553034	NV101553034	NMC1152074	NMC1150164	PLACER CLAIM	RV 1918	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
025	NW	NV101553035	NV101553035	NMC1152075	NMC1150164	PLACER CLAIM	RV 1919	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
025	NW	NV101553036	NV101553036	NMC1152076	NMC1150164	PLACER CLAIM	RV 1920	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
025	NW	NV101869610	NV101869610	NMC1151994	NMC1150164	PLACER CLAIM	RV 1835	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
025	NW	NV101869611	NV101869611	NMC1151995	NMC1150164	PLACER CLAIM	RV 1836	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
025	NW	NV101869612	NV101869612	NMC1151996	NMC1150164	PLACER CLAIM	RV 1837	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
025	NW	NV101869613	NV101869613	NMC1151997	NMC1150164	PLACER CLAIM	RV 1838	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
025	SE	NV101551915	NV101551915	NMC1152234	NMC1150164	PLACER CLAIM	RV 2104	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
025	SE	NV101556483	NV101556483	NMC1152158	NMC1150164	PLACER CLAIM	RV 2015	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	

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025	SW	NV101553037	NV101553037	NMC1152080	NMC1150164	PLACER CLAIM	RV 1924	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
025	SW	NV101869614	NV101869614	NMC1151998	NMC1150164	PLACER CLAIM	RV 1839	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
025	SW	NV101869615	NV101869615	NMC1151999	NMC1150164	PLACER CLAIM	RV 1840	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
025	SW	NV101869616	NV101869616	NMC1152000	NMC1150164	PLACER CLAIM	RV 1841	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
025	SW	NV101869617	NV101869617	NMC1152001	NMC1150164	PLACER CLAIM	RV 1842	LITHIUM ORE CORP	7/21/2017	ACTIVE	9/1/2022	
026	NE	NV101711053	NV101711053	NMC1151839	NMC1150164	PLACER CLAIM	RV 1679	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	NE	NV101711054	NV101711054	NMC1151840	NMC1150164	PLACER CLAIM	RV 1680	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	NE	NV101711055	NV101711055	NMC1151841	NMC1150164	PLACER CLAIM	RV 1681	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	NE	NV101711056	NV101711056	NMC1151842	NMC1150164	PLACER CLAIM	RV 1682	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	NE	NV101714493	NV101714493	NMC1151914	NMC1150164	PLACER CLAIM	RV 1754	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	NE	NV101714494	NV101714494	NMC1151915	NMC1150164	PLACER CLAIM	RV 1755	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	NE	NV101714495	NV101714495	NMC1151916	NMC1150164	PLACER CLAIM	RV 1756	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	NE	NV101714496	NV101714496	NMC1151917	NMC1150164	PLACER CLAIM	RV 1757	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	NW	NV101554169	NV101554169	NMC1151682	NMC1150164	PLACER CLAIM	RV 1522	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	NW	NV101554170	NV101554170	NMC1151683	NMC1150164	PLACER CLAIM	RV 1523	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	NW	NV101554171	NV101554171	NMC1151684	NMC1150164	PLACER CLAIM	RV 1524	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	NW	NV101554172	NV101554172	NMC1151685	NMC1150164	PLACER CLAIM	RV 1525	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	NW	NV101557611	NV101557611	NMC1151762	NMC1150164	PLACER CLAIM	RV 1602	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	NW	NV101557612	NV101557612	NMC1151763	NMC1150164	PLACER CLAIM	RV 1603	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	NW	NV101557613	NV101557613	NMC1151764	NMC1150164	PLACER CLAIM	RV 1604	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	NW	NV101557614	NV101557614	NMC1151765	NMC1150164	PLACER CLAIM	RV 1605	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	SE	NV101711057	NV101711057	NMC1151843	NMC1150164	PLACER CLAIM	RV 1683	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	SE	NV101711058	NV101711058	NMC1151844	NMC1150164	PLACER CLAIM	RV 1684	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	SE	NV101711059	NV101711059	NMC1151845	NMC1150164	PLACER CLAIM	RV 1685	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	SE	NV101711060	NV101711060	NMC1151846	NMC1150164	PLACER CLAIM	RV 1686	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	SE	NV101714497	NV101714497	NMC1151918	NMC1150164	PLACER CLAIM	RV 1758	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	SE	NV101714498	NV101714498	NMC1151919	NMC1150164	PLACER CLAIM	RV 1759	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	SE	NV101714499	NV101714499	NMC1151920	NMC1150164	PLACER CLAIM	RV 1760	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	SE	NV101714500	NV101714500	NMC1151921	NMC1150164	PLACER CLAIM	RV 1761	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	SW	NV101554173	NV101554173	NMC1151686	NMC1150164	PLACER CLAIM	RV 1526	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	SW	NV101554174	NV101554174	NMC1151687	NMC1150164	PLACER CLAIM	RV 1527	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	

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026	SW	NV101554175	NV101554175	NMC1151688	NMC1150164	PLACER CLAIM	RV 1528	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	SW	NV101554176	NV101554176	NMC1151689	NMC1150164	PLACER CLAIM	RV 1529	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	SW	NV101557615	NV101557615	NMC1151766	NMC1150164	PLACER CLAIM	RV 1606	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	SW	NV101557616	NV101557616	NMC1151767	NMC1150164	PLACER CLAIM	RV 1607	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	SW	NV101557617	NV101557617	NMC1151768	NMC1150164	PLACER CLAIM	RV 1608	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
026	SW	NV101557618	NV101557618	NMC1151769	NMC1150164	PLACER CLAIM	RV 1609	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	NE	NV101714479	NV101714479	NMC1151529	NMC1150164	PLACER CLAIM	RV 1369	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	NE	NV101714480	NV101714480	NMC1151530	NMC1150164	PLACER CLAIM	RV 1370	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	NE	NV101714481	NV101714481	NMC1151531	NMC1150164	PLACER CLAIM	RV 1371	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	NE	NV101714482	NV101714482	NMC1151532	NMC1150164	PLACER CLAIM	RV 1372	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	NE	NV101869596	NV101869596	NMC1151605	NMC1150164	PLACER CLAIM	RV 1445	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	NE	NV101869597	NV101869597	NMC1151606	NMC1150164	PLACER CLAIM	RV 1446	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	NE	NV101869598	NV101869598	NMC1151607	NMC1150164	PLACER CLAIM	RV 1447	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	NE	NV101869599	NV101869599	NMC1151608	NMC1150164	PLACER CLAIM	RV 1448	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	NW	NV101556460	NV101556460	NMC1151383	NMC1150164	PLACER CLAIM	RV 1223	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	NW	NV101557582	NV101557582	NMC1151384	NMC1150164	PLACER CLAIM	RV 1224	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	NW	NV101557583	NV101557583	NMC1151385	NMC1150164	PLACER CLAIM	RV 1225	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	NW	NV101557584	NV101557584	NMC1151386	NMC1150164	PLACER CLAIM	RV 1226	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	NW	NV101711030	NV101711030	NMC1151455	NMC1150164	PLACER CLAIM	RV 1295	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	NW	NV101711031	NV101711031	NMC1151456	NMC1150164	PLACER CLAIM	RV 1296	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	NW	NV101711032	NV101711032	NMC1151457	NMC1150164	PLACER CLAIM	RV 1297	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	NW	NV101711033	NV101711033	NMC1151458	NMC1150164	PLACER CLAIM	RV 1298	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	SE	NV101714483	NV101714483	NMC1151533	NMC1150164	PLACER CLAIM	RV 1373	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	SE	NV101714484	NV101714484	NMC1151534	NMC1150164	PLACER CLAIM	RV 1374	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	SE	NV101714485	NV101714485	NMC1151535	NMC1150164	PLACER CLAIM	RV 1375	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	SE	NV101714486	NV101714486	NMC1151536	NMC1150164	PLACER CLAIM	RV 1376	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	SE	NV101869600	NV101869600	NMC1151609	NMC1150164	PLACER CLAIM	RV 1449	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	SE	NV101869601	NV101869601	NMC1151610	NMC1150164	PLACER CLAIM	RV 1450	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	SE	NV101869602	NV101869602	NMC1151611	NMC1150164	PLACER CLAIM	RV 1451	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	SE	NV101869603	NV101869603	NMC1151612	NMC1150164	PLACER CLAIM	RV 1452	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	

NO WARRANTY IS MADE BY BLM FOR USE  
OF THE DATA FOR PURPOSES  
NOT INTENDED BY BLM



DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
MINING CLAIMS

Section	Quadrant	Serial Number	Lead File Number	Legacy Serial Number	Legacy Lead File Number	Claim Type	Claim Name	Claimant	Date Of Location	Case Disposition	Next Pmt Due Date	Closed Date
027	SW	NV101557585	NV101557585	NMC1151387	NMC1150164	PLACER CLAIM	RV 1227	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	SW	NV101557586	NV101557586	NMC1151388	NMC1150164	PLACER CLAIM	RV 1228	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	SW	NV101557587	NV101557587	NMC1151389	NMC1150164	PLACER CLAIM	RV 1229	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	SW	NV101557588	NV101557588	NMC1151390	NMC1150164	PLACER CLAIM	RV 1230	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	SW	NV101711034	NV101711034	NMC1151459	NMC1150164	PLACER CLAIM	RV 1299	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	SW	NV101711035	NV101711035	NMC1151460	NMC1150164	PLACER CLAIM	RV 1300	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	SW	NV101711036	NV101711036	NMC1151461	NMC1150164	PLACER CLAIM	RV 1301	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	
027	SW	NV101711037	NV101711037	NMC1151462	NMC1150164	PLACER CLAIM	RV 1302	3PL OPERATING INC	7/21/2017	ACTIVE	9/1/2022	

Admin State: **NV**  
 Geo State: **NV**  
 County: **NYE**  
 Field Office: **TONOPAH FIELD OFFICE**  
 Meridian Township Range: **21 0080N 0560E**

Section	Quadrant	Serial Number	Lead File Number	Legacy Serial Number	Legacy Lead File Number	Claim Type	Claim Name	Claimant	Date Of Location	Case Disposition	Next Pmt Due Date	Closed Date
033	SE	NV101551840	NV101551840	NMC1151279	NMC1150164	PLACER CLAIM	RV 1119	LITHIUM ORE CORP	7/26/2017	ACTIVE	9/1/2022	
033	SE	NV101551841	NV101551841	NMC1151280	NMC1150164	PLACER CLAIM	RV 1120	LITHIUM ORE CORP	7/26/2017	ACTIVE	9/1/2022	
033	SE	NV101551842	NV101551842	NMC1151281	NMC1150164	PLACER CLAIM	RV 1121	LITHIUM ORE CORP	7/27/2017	ACTIVE	9/1/2022	
033	SE	NV101715627	NV101715627	NMC1151212	NMC1150164	PLACER CLAIM	RV 1052	LITHIUM ORE CORP	7/26/2017	ACTIVE	9/1/2022	
033	SE	NV101715628	NV101715628	NMC1151213	NMC1150164	PLACER CLAIM	RV 1053	LITHIUM ORE CORP	7/27/2017	ACTIVE	9/1/2022	

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**Appendix D**  
**Leaseholders and Surface Management Plans on**  
**the Withdrawal Application Area**

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**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	006	ALIQUOT	S2NE,SENW,E2SW,SE		1;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	006	ALIQUOT	S2NE,SENW,E2SW,SE		NV-19-10-163;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	006	ALIQUOT	S2NE,SENW,E2SW,SE		TWS;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	006	ALIQUOT	S2NE,SENW,E2SW,SE		
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	006	LOT	1-7		05;145003
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	006	LOT	1-7		1;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	006	LOT	1-7		NV-19-10-163;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	006	LOT	1-7		TWS;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	006	LOT	1-7		
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	007	ALIQUOT	E2,E2NW,E2SW		05;145003
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	007	ALIQUOT	E2,E2NW,E2SW		1;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	007	ALIQUOT	E2,E2NW,E2SW		NV-19-10-163;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	007	ALIQUOT	E2,E2NW,E2SW		TWS;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	007	ALIQUOT	E2,E2NW,E2SW		
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	007	LOT	1-4		05;145003
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	007	LOT	1-4		1;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	007	LOT	1-4		NV-19-10-163;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	007	LOT	1-4		TWS;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	007	LOT	1-4		
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	008	ENTIRE SECTION	ENTIRE SECTION		05;145003
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	008	ENTIRE SECTION	ENTIRE SECTION		1;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	008	ENTIRE SECTION	ENTIRE SECTION		NV-19-10-163;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	008	ENTIRE SECTION	ENTIRE SECTION		TWS;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	008	ENTIRE SECTION	ENTIRE SECTION		

**Admin State:** NV  
**Geo State:** NV

**Serial Number:** NVNV105485057 **Legacy Serial Number:** NVN 098463 **Total Acres:** 1,920  
**BLM Product Name:** NONCOMPETITIVE PUBLIC DOMAIN LEASE POST 1987  
**Case Disposition:** AUTHORIZED **Disposition Date:** 11/1/2019

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	009	ENTIRE SECTION	ENTIRE SECTION		05;145003
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	009	ENTIRE SECTION	ENTIRE SECTION		19-10-164;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	009	ENTIRE SECTION	ENTIRE SECTION		1;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	009	ENTIRE SECTION	ENTIRE SECTION		TWS;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	009	ENTIRE SECTION	ENTIRE SECTION		
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	010	ENTIRE SECTION	ENTIRE SECTION		05;145003
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	010	ENTIRE SECTION	ENTIRE SECTION		19-10-164;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	010	ENTIRE SECTION	ENTIRE SECTION		1;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	010	ENTIRE SECTION	ENTIRE SECTION		TWS;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	010	ENTIRE SECTION	ENTIRE SECTION		
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	016	ENTIRE SECTION	ENTIRE SECTION		05;145003
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	016	ENTIRE SECTION	ENTIRE SECTION		19-10-164;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	016	ENTIRE SECTION	ENTIRE SECTION		1;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	016	ENTIRE SECTION	ENTIRE SECTION		TWS;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	016	ENTIRE SECTION	ENTIRE SECTION		

**Admin State:** NV  
**Geo State:** NV

**Serial Number:** NVNV105485059 **Legacy Serial Number:** NVN 098464 **Total Acres:** 2,540  
**BLM Product Name:** NONCOMPETITIVE PUBLIC DOMAIN LEASE POST 1987  
**Case Disposition:** AUTHORIZED **Disposition Date:** 11/1/2019

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	017	ENTIRE SECTION	ENTIRE SECTION		05;145003

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	017	ENTIRE SECTION	ENTIRE SECTION		19-10-165;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	017	ENTIRE SECTION	ENTIRE SECTION		1;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	017	ENTIRE SECTION	ENTIRE SECTION		TWS;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	017	ENTIRE SECTION	ENTIRE SECTION		
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	020	ENTIRE SECTION	ENTIRE SECTION		05;145003
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	020	ENTIRE SECTION	ENTIRE SECTION		19-10-165;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	020	ENTIRE SECTION	ENTIRE SECTION		1;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	020	ENTIRE SECTION	ENTIRE SECTION		TWS;
BARTON ROY G	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	020	ENTIRE SECTION	ENTIRE SECTION		

Admin State: NV  
Geo State: NV

Serial Number: NVNV105515081 Legacy Serial Number: NVN 098873 Total Acres: 960  
BLM Product Name: COMPETITIVE PUBLIC DOMAIN LEASE POST 1987  
Case: AUTHORIZED Disposition Date: 3/1/2020

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	025	ENTIRE SECTION	ENTIRE SECTION		\$4800.00;
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	025	ENTIRE SECTION	ENTIRE SECTION		05;145003
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	025	ENTIRE SECTION	ENTIRE SECTION		NV-2019-12-2717;
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	025	ENTIRE SECTION	ENTIRE SECTION		

Admin State: NV  
Geo State: NV

Serial Number: NVNV105521724 Legacy Serial Number: NVN 098877 Total Acres: 1,920  
BLM Product Name: COMPETITIVE PUBLIC DOMAIN LEASE POST 1987  
Case: AUTHORIZED Disposition Date: 3/1/2020

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
RAM ASSET MANAGEMENT LLC	2100 S UTICA AVE STE 165	TULSA	OK	74114-1440	LESSEE	100.000	MOUNT DIABLO	21 0080N 0560E	035	ENTIRE SECTION	ENTIRE SECTION		\$3840.00;
RAM ASSET MANAGEMENT LLC	2100 S UTICA AVE STE 165	TULSA	OK	74114-1440	LESSEE	100.000	MOUNT DIABLO	21 0080N 0560E	035	ENTIRE SECTION	ENTIRE SECTION		/A/
RAM ASSET MANAGEMENT LLC	2100 S UTICA AVE STE 165	TULSA	OK	74114-1440	LESSEE	100.000	MOUNT DIABLO	21 0080N 0560E	035	ENTIRE SECTION	ENTIRE SECTION		/A/ EFF 04/01/2020
RAM ASSET MANAGEMENT LLC	2100 S UTICA AVE STE 165	TULSA	OK	74114-1440	LESSEE	100.000	MOUNT DIABLO	21 0080N 0560E	035	ENTIRE SECTION	ENTIRE SECTION		05;145003
RAM ASSET MANAGEMENT LLC	2100 S UTICA AVE STE 165	TULSA	OK	74114-1440	LESSEE	100.000	MOUNT DIABLO	21 0080N 0560E	035	ENTIRE SECTION	ENTIRE SECTION		NV-2019-12-5551;
RAM ASSET MANAGEMENT LLC	2100 S UTICA AVE STE 165	TULSA	OK	74114-1440	LESSEE	100.000	MOUNT DIABLO	21 0080N 0560E	035	ENTIRE SECTION	ENTIRE SECTION		

Admin State: NV  
Geo State: NV

Serial Number: NVNV105521725 Legacy Serial Number: NVN 098878 Total Acres: 1,280  
BLM Product Name: COMPETITIVE PUBLIC DOMAIN LEASE POST 1987  
Case: AUTHORIZED Disposition Date: 3/1/2020

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
RAM ASSET MANAGEMENT LLC	2100 S UTICA AVE STE 165	TULSA	OK	74114-1440	LESSEE	100.000	MOUNT DIABLO	21 0080N 0560E	027	ENTIRE SECTION	ENTIRE SECTION		\$2560.00;
RAM ASSET MANAGEMENT LLC	2100 S UTICA AVE STE 165	TULSA	OK	74114-1440	LESSEE	100.000	MOUNT DIABLO	21 0080N 0560E	027	ENTIRE SECTION	ENTIRE SECTION		/A/
RAM ASSET MANAGEMENT LLC	2100 S UTICA AVE STE 165	TULSA	OK	74114-1440	LESSEE	100.000	MOUNT DIABLO	21 0080N 0560E	027	ENTIRE SECTION	ENTIRE SECTION		/A/ EFF 04/01/2020
RAM ASSET MANAGEMENT LLC	2100 S UTICA AVE STE 165	TULSA	OK	74114-1440	LESSEE	100.000	MOUNT DIABLO	21 0080N 0560E	027	ENTIRE SECTION	ENTIRE SECTION		05;145003

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
RAM ASSET MANAGEMENT LLC	2100 S UTICA AVE STE 165	TULSA	OK	74114-1440	LESSEE	100.000	MOUNT DIABLO	21 0080N 0560E	027	ENTIRE SECTION	ENTIRE SECTION		NV-2019-12-5569;
RAM ASSET MANAGEMENT LLC	2100 S UTICA AVE STE 165	TULSA	OK	74114-1440	LESSEE	100.000	MOUNT DIABLO	21 0080N 0560E	027	ENTIRE SECTION	ENTIRE SECTION		

Admin State: NV  
Geo State: NV

Serial Number: NVNV105521726 Legacy Serial Number: NVN 098879 Total Acres: 640  
BLM Product Name: COMPETITIVE PUBLIC DOMAIN LEASE POST 1987  
Case Disposition: AUTHORIZED Disposition Date: 3/1/2020

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
RAM ASSET MANAGEMENT LLC	2100 S UTICA AVE STE 165	TULSA	OK	74114-1440	LESSEE	100.000	MOUNT DIABLO	21 0080N 0560E	034	ENTIRE SECTION	ENTIRE SECTION		\$1280.00;
RAM ASSET MANAGEMENT LLC	2100 S UTICA AVE STE 165	TULSA	OK	74114-1440	LESSEE	100.000	MOUNT DIABLO	21 0080N 0560E	034	ENTIRE SECTION	ENTIRE SECTION		/A/
RAM ASSET MANAGEMENT LLC	2100 S UTICA AVE STE 165	TULSA	OK	74114-1440	LESSEE	100.000	MOUNT DIABLO	21 0080N 0560E	034	ENTIRE SECTION	ENTIRE SECTION		/A/ EFF 04/01/2020
RAM ASSET MANAGEMENT LLC	2100 S UTICA AVE STE 165	TULSA	OK	74114-1440	LESSEE	100.000	MOUNT DIABLO	21 0080N 0560E	034	ENTIRE SECTION	ENTIRE SECTION		05;145003
RAM ASSET MANAGEMENT LLC	2100 S UTICA AVE STE 165	TULSA	OK	74114-1440	LESSEE	100.000	MOUNT DIABLO	21 0080N 0560E	034	ENTIRE SECTION	ENTIRE SECTION		NV-2019-12-5552;
RAM ASSET MANAGEMENT LLC	2100 S UTICA AVE STE 165	TULSA	OK	74114-1440	LESSEE	100.000	MOUNT DIABLO	21 0080N 0560E	034	ENTIRE SECTION	ENTIRE SECTION		

Admin State: NV  
Geo State: NV

Serial Number: NVNV105633034 Legacy Serial Number: NVN 047646 Total Acres: 4,320  
BLM Product Name: SIMULTANEOUS PUBLIC DOMAIN LEASE  
Case Disposition: AUTHORIZED Disposition Date: 2/1/1988

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$150,000;WYB001307;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$25,000;NVB1127;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$25,000;NVB1142;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/17860
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/18568
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/5899
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/1/ 5-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/1/NVN47646;# 5-14.
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/2/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/3/ .5%
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/A/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/AA/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/B/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/B/C/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/BB/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/C/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/CC/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/D/E/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/DD/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/EE/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/F/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/FF/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/FF/%CNVYD-RETND
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/G/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/GG/ EFF 03/26/2013
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/H/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/HH/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/HH/ EFF 02/01/2020
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/I/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/II/



**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/II/ EFF 04/01/2020
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/J/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/JJ/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/JJ/ EFF 04/01/2020
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/K/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/K/L/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/KK/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/KK/ EFF 04/01/2020
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/L/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/M/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/M/N/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/N/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/O/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/O/P/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/P/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Q/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Q/R/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Q/R/S/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/R/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/S/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/T/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/U/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/V/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/W/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/X/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Y/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Z/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		05;145003
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		1
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		1 TOR CANCLD
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		11-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		12-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		12-14B
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		14-11
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		31-23
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		4-23
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		5-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		5-14A
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		EFF 10/7/09;NVB1142;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		EFF 3/14/14; WYB1307;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		EFF 6/23/09;NVB1127;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		INPUT INCORRECTLY
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		NV-87-10-0152;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		NVB001142;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		TOR CANCLD 3/25/13
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$150,000;WYB001307;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$25,000;NVB1127;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$25,000;NVB1142;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$4320.00;21/17860
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$4320.00;21/18568
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$4320.00;21/5899
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/1/ 5-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/1/NVN47646;# 5-14.
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/2/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/3/ .5%
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/A/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/AA/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/B/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/B/C/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/BB/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/C/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/CC/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/D/E/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/DD/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/EE/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/F/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/FF/

**DEPARTMENT OF THE INTERIOR  
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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/FF/%CENVYD-RETND
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/G/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/GG/ EFF 03/26/2013
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/H/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/HH/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/HH/ EFF 02/01/2020
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/I/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/II/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/II/ EFF 04/01/2020
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/J/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/JJ/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/JJ/ EFF 04/01/2020
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/K/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/K/L/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/KK/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/KK/ EFF 04/01/2020
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/L/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/M/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/M/N/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/N/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/O/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/O/P/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/P/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Q/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Q/R/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Q/R/S/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/R/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/S/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/T/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/U/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/V/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/W/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/X/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Y/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Z/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		05;145003
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		1
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		1 TOR CANCLD
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		11-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		12-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		12-14B
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		14-11
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		31-23
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		4-23
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		5-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		5-14A
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		EFF 10/7/09;NVB1142;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		EFF 3/14/14; WYB1307;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		EFF 6/23/09;NVB1127;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		INPUT INCORRECTLY
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		NV-87-10-0152;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		NVB001142;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		TOR CANCLD 3/25/13
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SEW, SESW		\$150,000;WYB001307;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SEW, SESW		\$25,000;NVB1127;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SEW, SESW		\$25,000;NVB1142;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SEW, SESW		\$4320.00;21/17860
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SEW, SESW		\$4320.00;21/18568
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SEW, SESW		\$4320.00;21/5899
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SEW, SESW		/I/ 5-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SEW, SESW		/I/NVN47646;# 5-14.



**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/2/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/3/ .5%
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/A/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/AA/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/B/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/B/C/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/BB/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/C/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/CC/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/D/E/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/DD/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/EE/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/F/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/FF/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/FF/%CNVYD-RETND
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/G/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/GG/ EFF 03/26/2013
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/H/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/HH/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/HH/ EFF 02/01/2020
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/I/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/II/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/II/ EFF 04/01/2020
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/J/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/JJ/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/JJ/ EFF 04/01/2020
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/K/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/K/L/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/KK/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/KK/ EFF 04/01/2020
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/L/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/M/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/M/N/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/N/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/O/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/O/P/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/P/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Q/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Q/R/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Q/R/S/

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/R/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/S/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/T/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/U/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/V/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/W/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/X/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Y/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Z/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		05;145003
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		1
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		1 TOR CANCLD
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		11-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		12-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		12-14B
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		14-11
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		31-23
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		4-23
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		5-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		5-14A
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		EFF 10/7/09;NVB1142;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		EFF 3/14/14; WYB1307;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		EFF 6/23/09;NVB1127;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		INPUT INCORRECTLY
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		NV-87-10-0152;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		NVB001142;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		TOR CANCLD 3/25/13
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$150,000;WYB001307;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1127;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1142;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/17860
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/18568
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/5899
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/1/ 5-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/1/NVN47646;# 5-14.
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/2/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/3/ .5%
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/A/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/AA/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/B/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/B/C/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/BB/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/C/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/CC/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/D/E/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/DD/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/EE/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/F/

















**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		1
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		1 TOR CANCLD
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		11-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		12-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		12-14B
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		14-11
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		31-23
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		4-23
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		5-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		5-14A
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		EFF 10/7/09;NVB1142;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		EFF 3/14/14; WYB1307;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		EFF 6/23/09;NVB1127;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		INPUT INCORRECTLY
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		NV-87-10-0152;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		NVB001142;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		TOR CANCLD 3/25/13
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$150,000;WYB001307;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$25,000;NVB1127;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$25,000;NVB1142;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$4320.00;21/17860
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$4320.00;21/18568
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$4320.00;21/5899
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/1/ 5-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/1/NVN47646;# 5-14.
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/2/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/3/ .5%
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/A/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/AA/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/B/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/B/C/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/BB/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/C/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/CC/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/D/E/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/DD/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/EE/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/F/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/FF/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/FF/%CNVYD-RETND
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/G/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/GG/ EFF 03/26/2013
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/H/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/HH/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/HH/ EFF 02/01/2020
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/I/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/II/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/III/ EFF 04/01/2020
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/J/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/JJ/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/JJ/ EFF 04/01/2020
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/K/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/K/L/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/KK/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/KK/ EFF 04/01/2020
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/L/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/M/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/M/N/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/N/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/O/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/O/P/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/P/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Q/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Q/R/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Q/R/S/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/R/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/S/

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/T/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/U/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/V/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/W/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/X/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Y/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Z/
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		05;145003
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		1
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		1 TOR CANCLD
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		11-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		12-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		12-14B
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		14-11
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		31-23
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		4-23
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		5-14
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		5-14A
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 10/7/09;NVB1142;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 3/14/14; WYB1307;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 6/23/09;NVB1127;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		INPUT INCORRECTLY
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		NV-87-10-0152;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		NVB001142;
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		TOR CANCLD 3/25/13
CENEX INC	PO BOX 80770	BILLINGS	MT	59108-0770	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$150,000;WYB001307;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$25,000;NVB1127;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$25,000;NVB1142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/17860
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/18568
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/5899
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/1/ 5-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/1/NVN47646;# 5-14.
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/2/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/3/ .5%
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/A/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/AA/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/B/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/B/C/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/BB/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/C/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/CC/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/D/E/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/DD/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/EE/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/F/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/FF/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/FF/%CNVYD-RETND
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/G/

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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/GG/ EFF 03/26/2013
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/H/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/HH/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/HH/ EFF 02/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/I/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/II/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/II/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/J/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/JJ/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/JJ/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/K/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/K/L/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/KK/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/KK/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/L/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/M/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/M/N/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/N/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/O/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/O/P/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/P/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Q/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Q/R/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Q/R/S/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/R/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/S/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/T/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/U/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/V/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/W/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/X/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Y/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Z/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		05;145003
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		1
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		1 TOR CANCLD
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		11-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		12-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		12-14B
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		14-11



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DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		31-23
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		4-23
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		5-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		5-14A
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		EFF 10/7/09;NVB1142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		EFF 3/14/14; WYB1307;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		EFF 6/23/09;NVB1127;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		INPUT INCORRECTLY
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		NV-87-10-0152;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		NVB001142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		TOR CANCLD 3/25/13
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$150,000;WYB001307;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$25,000;NVB1127;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$25,000;NVB1142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$4320.00;21/17860
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$4320.00;21/18568
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$4320.00;21/5899
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/1/ 5-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/1/NVN47646;# 5-14.
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/2/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/3/ .5%
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/A/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/AA/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/B/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/B/C/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/BB/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/C/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/CC/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/D/E/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/DD/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/EE/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/F/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/FF/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/FF/%CNVYD-RETND
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/G/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/GG/ EFF 03/26/2013
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/H/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/HH/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/HH/ EFF 02/01/2020

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DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/I/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/II/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/III/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/J/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/JJ/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/JJ/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/K/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/K/L/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/KK/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/KK/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/L/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/M/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/MN/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/N/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/O/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/O/P/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/P/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Q/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Q/R/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Q/R/S/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/R/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/S/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/T/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/U/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/V/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/W/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/X/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Y/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Z/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		05;145003
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		1
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		1 TOR CANCLD
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		11-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		12-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		12-14B
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		14-11
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		31-23
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		4-23
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		5-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		5-14A

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		EFF 10/7/09;NVB1142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		EFF 3/14/14; WYB1307;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		EFF 6/23/09;NVB1127;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		INPUT INCORRECTLY
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		NV-87-10-0152;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		NVB001142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		TOR CANCLD 3/25/13
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$150,000;WYB001307;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$25,000;NVB1127;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$25,000;NVB1142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$4320.00;21/17860
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$4320.00;21/18568
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$4320.00;21/5899
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/1/ 5-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/1/NVN47646;# 5-14.
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/2/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/3/ .5%
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/A/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/AA/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/B/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/B/C/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/BB/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/C/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/CC/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/D/E/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/DD/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/EE/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/F/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/FF/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/FF/%CNVYD-RETND
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/G/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/GG/ EFF 03/26/2013
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/H/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/HH/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/HH/ EFF 02/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/I/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/II/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/II/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/J/



**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/JJ/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/JJ/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/K/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/K/L/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/KK/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/KK/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/L/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/M/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/M/N/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/N/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/O/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/O/P/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/P/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Q/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Q/R/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Q/R/S/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/R/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/S/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/T/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/U/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/V/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/W/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/X/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Y/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Z/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		05;145003
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		1
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		1 TOR CANCLD
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		11-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		12-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		12-14B
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		14-11
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		31-23
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		4-23
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		5-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		5-14A
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		EFF 10/7/09;NVB1142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		EFF 3/14/14; WYB1307;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		EFF 6/23/09;NVB1127;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		INPUT INCORRECTLY



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DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SEW,SESW		NV-87-10-0152;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SEW,SESW		NVB001142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SEW,SESW		TOR CANCLD 3/25/13
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SEW,SESW		
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$150,000;WYB001307;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1127;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/17860
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/18568
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/5899
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/1/ 5-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/1/NVN47646;# 5-14.
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/2/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/3/ .5%
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/A/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/AA/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/B/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/B/C/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/BB/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/C/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/CC/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/D/E/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/DD/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/EE/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/F/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/FF/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/FF/%CNVYD-RETND
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/G/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/GG/ EFF 03/26/2013
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/H/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/HH/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/HH/ EFF 02/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/I/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/II/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/II/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/J/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/JJ/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/JJ/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/K/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/K/L/

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DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/KK/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/KK/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/L/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/M/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/M/N/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/N/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/O/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/O/P/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/P/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Q/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Q/R/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Q/R/S/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/R/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/S/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/T/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/U/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/V/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/W/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/X/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Y/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Z/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		05;145003
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		1
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		1 TOR CANCLD
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		11-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		12-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		12-14B
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		14-11
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		31-23
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		4-23
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		5-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		5-14A
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		EFF 10/7/09;NVB1142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		EFF 3/14/14; WYB1307;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		EFF 6/23/09;NVB1127;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		INPUT INCORRECTLY
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		NV-87-10-0152;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		NVB001142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		TOR CANCLD 3/25/13
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		

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DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$150,000;WYB001307;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$25,000;NVB1127;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$25,000;NVB1142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$4320.00;21/17860
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$4320.00;21/18568
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$4320.00;21/5899
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/1/ 5-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/1/NVN47646;# 5-14.
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/2/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/3/ .5%
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/A/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/AA/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/B/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/B/C/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/BB/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/C/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/CC/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/D/E/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/DD/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/EE/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/F/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/FF/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/FF/%CNVYD-RETND
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/G/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/GG/ EFF 03/26/2013
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/H/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/HH/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/HH/ EFF 02/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/I/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/II/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/III/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/JJ/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/JJ/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/K/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/K/L/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/KK/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/KK/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/L/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/M/



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DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/M/N/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/N/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/O/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/O/P/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/P/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Q/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Q/R/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Q/R/S/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/R/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/S/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/T/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/U/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/V/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/W/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/X/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Y/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Z/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		05;145003
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		1
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		1 TOR CANCLD
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		11-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		12-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		12-14B
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		14-11
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		31-23
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		4-23
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		5-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		5-14A
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		EFF 10/7/09;NVB1142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		EFF 3/14/14; WYB1307;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		EFF 6/23/09;NVB1127;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		INPUT INCORRECTLY
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		NV-87-10-0152;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		NVB001142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		TOR CANCLD 3/25/13
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$150,000;WYB001307;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1127;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/17860



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DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/18568
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/5899
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/1/ 5-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/1/NVN47646;# 5-14.
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/2/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/3/ .5%
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/A/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/AA/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/B/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/B/C/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/BB/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/C/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/CC/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/D/E/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/DD/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/EE/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/F/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/FF/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/FF/%CNVYD-RETND
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/G/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/GG/ EFF 03/26/2013
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/H/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/HH/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/HH/ EFF 02/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/I/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/II/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/II/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/J/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/JJ/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/JJ/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/K/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/K/L/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/KK/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/KK/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/L/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/M/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/M/N/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/N/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/O/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/O/P/

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DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/Q/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/Q/R/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/Q/R/S/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/R/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/S/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/T/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/U/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/V/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/W/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/X/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/Y/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/Z/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		05;145003
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		1
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		1 TOR CANCLD
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		11-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		12-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		12-14B
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		14-11
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		31-23
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		4-23
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		5-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		5-14A
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		EFF 10/7/09;NVB1142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		EFF 3/14/14; WYB1307;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		EFF 6/23/09;NVB1127;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		INPUT INCORRECTLY
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		NV-87-10-0152;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		NVB001142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		TOR CANCLD 3/25/13
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$150,000;WYB001307;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$25,000;NVB1127;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$25,000;NVB1142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$4320.00;21/17860
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$4320.00;21/18568
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$4320.00;21/5899
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/1/ 5-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/1/NVN47646;# 5-14.

**DEPARTMENT OF THE INTERIOR  
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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/2/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/3/ .5%
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/A/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/AA/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/B/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/B/C/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/BB/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/C/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/CC/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/D/E/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/DD/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/EE/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/F/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/FF/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/FF/%CNVYD-RETND
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/G/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/GG/ EFF 03/26/2013
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/H/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/HH/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/HH/ EFF 02/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/I/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/II/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/II/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/J/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/JJ/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/JJ/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/K/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/K/L/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/KK/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/KK/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/L/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/M/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/M/N/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/N/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/O/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/O/P/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/P/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/Q/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/Q/R/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/Q/R/S/



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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/R/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/S/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/T/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/U/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/V/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/W/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/X/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/Y/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/Z/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		05;145003
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		1
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		1 TOR CANCLD
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		11-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		12-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		12-14B
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		14-11
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		31-23
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		4-23
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		5-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		5-14A
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		EFF 10/7/09;NVB1142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		EFF 3/14/14; WYB1307;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		EFF 6/23/09;NVB1127;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		INPUT INCORRECTLY
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		NV-87-10-0152;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		NVB001142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		TOR CANCLD 3/25/13
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$150,000;WYB001307;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1127;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/17860
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/18568
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/5899
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/1/ 5-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/1/NVN47646;# 5-14.
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/2/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/3/ .5%
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/A/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/AA/





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DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/V/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/W/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/X/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/Y/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/Z/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		05;145003
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		1
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		1 TOR CANCLD
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		11-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		12-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		12-14B
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		14-11
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		31-23
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		4-23
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		5-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		5-14A
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		EFF 10/7/09;NVB1142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		EFF 3/14/14; WYB1307;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		EFF 6/23/09;NVB1127;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		INPUT INCORRECTLY
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		NV-87-10-0152;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		NVB001142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		TOR CANCLD 3/25/13
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$150,000;WYB001307;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$25,000;NVB1127;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$25,000;NVB1142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$4320.00;21/17860
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$4320.00;21/18568
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$4320.00;21/5899
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/1/ 5-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/1/NVN47646;# 5-14.
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/2/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/3/ .5%
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/A/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/AA/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/B/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/B/C/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/BB/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/C/

**DEPARTMENT OF THE INTERIOR  
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CASE RECORDATION  
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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/CC/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/DE/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/DD/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/EE/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/F/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/FF/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/FF/%CNVYD-RETND
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/G/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/GG/ EFF 03/26/2013
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/H/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/HH/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/HH/ EFF 02/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/I/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/II/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/II/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/J/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/JJ/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/JJ/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/K/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/K/L/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/KK/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/KK/ EFF 04/01/2020
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/L/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/M/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/M/N/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/N/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/O/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/O/P/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/P/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Q/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Q/R/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Q/R/S/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/R/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/S/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/T/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/U/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/V/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/W/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/X/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Y/



DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Z/
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		05;145003
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		1
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		1 TOR CANCLD
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		11-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		12-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		12-14B
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		14-11
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		31-23
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		4-23
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		5-14
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		5-14A
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 10/7/09;NVB1142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 3/14/14; WYB1307;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 6/23/09;NVB1127;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		INPUT INCORRECTLY
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		NV-87-10-0152;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		NVB001142;
DOUBLE D NEVADA LLC	2016 GRAND AVE STE A	BILLINGS	MT	59102	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		TOR CANCLD 3/25/13
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$150,000;WYB001307;
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$25,000;NVB1127;
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$25,000;NVB1142;
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/17860
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/18568
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/5899
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/1/ 5-14
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/1/NVN47646;# 5-14.
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/2/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/3/ .5%
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/A/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/AA/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/B/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/B/C/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/BB/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/C/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/CC/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/D/E/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/DD/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/EE/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/F/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/FF/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/FF/%CNVYD-RETND
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/G/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/GG/ EFF 03/26/2013
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/H/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/HH/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/HH/ EFF 02/01/2020
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/I/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/II/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/II/ EFF 04/01/2020
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/J/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/JJ/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/JJ/ EFF 04/01/2020







**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/A/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/AA/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/B/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/B/C/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/BB/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/C/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/CC/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/D/E/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/DD/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/EE/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/F/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/FF/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/FF/%CNVYD-RETND
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/G/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/GG/ EFF 03/26/2013
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/H/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/HH/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/HH/ EFF 02/01/2020
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/I/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/II/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/II/ EFF 04/01/2020
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/J/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/JJ/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/JJ/ EFF 04/01/2020
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/K/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/K/L/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/KK/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/KK/ EFF 04/01/2020
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/L/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/M/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/M/N/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/N/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/O/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/O/P/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/P/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Q/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Q/R/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Q/R/S/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/R/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/S/



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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/T/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/U/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/V/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/W/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/X/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Y/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Z/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		05;145003
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		1
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		1 TOR CANCLD
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		11-14
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		12-14
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		12-14B
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		14-11
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		31-23
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		4-23
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		5-14
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		5-14A
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		EFF 10/7/09;NVB1142;
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		EFF 3/14/14;WYB1307;
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		EFF 6/23/09;NVB1127;
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		INPUT INCORRECTLY
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		NV-87-10-0152;
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		NVB001142;
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		TOR CANCLD 3/25/13
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$150,000;WYB001307;
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1127;
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1142;
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/17860
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/18568
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/5899
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/1/ 5-14
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/1/NVN47646;# 5-14.
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/2/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/3/ .5%
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/A/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/AA/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/B/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/B/C/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/BB/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/C/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/CC/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/D/E/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/DD/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/EE/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/F/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/FF/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/FF/%CNVYD-RETND
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/G/





















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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/W/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/X/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Y/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Z/
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		05;145003
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		1
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		1 TOR CANCLD
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		11-14
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		12-14
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		12-14B
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		14-11
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		31-23
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		4-23
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		5-14
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		5-14A
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 10/7/09;NVB1142;
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 3/14/14; WYB1307;
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 6/23/09;NVB1127;
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		INPUT INCORRECTLY
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		NV-87-10-0152;
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		NVB001142;
DY OIL LLC	4414 S GEKELER LN	BOISE	ID	83716-5240	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		TOR CANCLD 3/25/13
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$150,000;WYB001307;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$25,000;NVB1127;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$25,000;NVB1142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/17860
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/18568
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/5899
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/1/ 5-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/1/NVN47646;# 5-14.
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/2/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/3/ .5%
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/A/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/AA/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/B/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/B/C/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/BB/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/C/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/CC/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/D/E/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/DD/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/EE/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/F/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/FF/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/FF/%CNVYD-RETND
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/G/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/GG/ EFF 03/26/2013
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/H/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/HH/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/HH/ EFF 02/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/I/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/II/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/II/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/J/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/JJ/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/JJ/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/K/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/K/L/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/KK/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/KK/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/L/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/M/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/M/N/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/N/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/O/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/O/P/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/P/

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Q/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Q/R/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Q/R/S/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/R/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/S/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/T/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/U/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/V/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/W/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/X/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Y/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Z/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		05;145003
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		1
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		1 TOR CANCLD
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		11-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		12-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		12-14B
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		14-11
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		31-23
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		4-23
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		5-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		5-14A
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		EFF 10/7/09;NVB1142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		EFF 3/14/14; WYB1307;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		EFF 6/23/09;NVB1127;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		INPUT INCORRECTLY
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		NV-87-10-0152;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		NVB001142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		TOR CANCLD 3/25/13
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$150,000;WYB001307;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$25,000;NVB1127;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$25,000;NVB1142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$4320.00;21/17860
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$4320.00;21/18568
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$4320.00;21/5899
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/1/ 5-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/1/NVN47646;# 5-14.
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/2/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/3/ .5%
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/A/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/AA/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/B/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/B/C/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/BB/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/C/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/CC/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/D/E/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/DD/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/EE/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/F/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/FF/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/FF/%CNVYD-RETND
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/G/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/GG/ EFF 03/26/2013
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/H/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/HH/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/HH/ EFF 02/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/I/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/II/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/III/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/J/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/JJ/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/JJ/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/K/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/K/L/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/KK/



DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/KK/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/L/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/M/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/M/N/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/N/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/O/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/O/P/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/P/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Q/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Q/R/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Q/R/S/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/R/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/S/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/T/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/U/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/V/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/W/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/X/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Y/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Z/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		05;145003
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		1
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		1 TOR CANCLD
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		11-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		12-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		12-14B
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		14-11
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		31-23
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		4-23
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		5-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		5-14A
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		EFF 10/7/09;NVB1142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		EFF 3/14/14; WYB1307;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		EFF 6/23/09;NVB1127;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		INPUT INCORRECTLY
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		NV-87-10-0152;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		NVB001142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		TOR CANCLD 3/25/13
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW, SESW		\$150,000;WYB001307;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW, SESW		\$25,000;NVB1127;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW, SESW		\$25,000;NVB1142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW, SESW		\$4320.00;21/17860
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW, SESW		\$4320.00;21/18568
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW, SESW		\$4320.00;21/5899
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW, SESW		/1/ 5-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW, SESW		/1/NVN47646;# 5-14.
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW, SESW		/2/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW, SESW		/3/ .5%
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW, SESW		/A/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW, SESW		/AA/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW, SESW		/B/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW, SESW		/B/C/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW, SESW		/BB/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW, SESW		/C/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW, SESW		/CC/

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
											SESW		
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/D/E/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/DD/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/EE/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/F/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/FF/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/FF/%CNVYD-RETND
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/G/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/GG/ EFF 03/26/2013
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/H/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/HH/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/HH/ EFF 02/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/I/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/II/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/II/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/J/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/JJ/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/JJ/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/K/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/K/L/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/KK/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/KK/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/L/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/M/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/M/N/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/N/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/O/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/O/P/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/P/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Q/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Q/R/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Q/R/S/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/R/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/S/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/T/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/U/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/V/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/W/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/X/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Y/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Z/

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
											SESW		
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		05;145003
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		1
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		1 TOR CANCLD
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		11-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		12-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		12-14B
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		14-11
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		31-23
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		4-23
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		5-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		5-14A
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		EFF 10/7/09;NVB1142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		EFF 3/14/14; WYB1307;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		EFF 6/23/09;NVB1127;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		INPUT INCORRECTLY
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		NV-87-10-0152;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		NVB001142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		TOR CANCLD 3/25/13
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$150,000;WYB001307;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1127;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/17860
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/18568
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/5899
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/1/ 5-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/1/NVN47646;# 5-14.
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/2/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/3/ .5%
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/A/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/AA/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/B/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/B/C/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/BB/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/C/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/CC/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/D/E/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/DD/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/EE/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/F/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/FF/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/FF/%CNVYD-RETND
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/G/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/GG/ EFF 03/26/2013
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/H/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/HH/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/HH/ EFF 02/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/I/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/II/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/II/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/J/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/JJ/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/JJ/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/K/



DEPARTMENT OF THE INTERIOR  
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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/K/L/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/KK/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/KK/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/L/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/M/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/M/N/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/N/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/O/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/O/P/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/P/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Q/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Q/R/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Q/R/S/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/R/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/S/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/T/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/U/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/V/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/W/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/X/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Y/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Z/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		05;145003
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		1
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		1 TOR CANCLD
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		11-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		12-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		12-14B
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		14-11
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		31-23
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		4-23
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		5-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		5-14A
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		EFF 10/7/09;NVB1142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		EFF 3/14/14; WYB1307;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		EFF 6/23/09;NVB1127;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		INPUT INCORRECTLY
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		NV-87-10-0152;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		NVB001142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		TOR CANCLD 3/25/13
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$150,000;WYB001307;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$25,000;NVB1127;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$25,000;NVB1142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$4320.00;21/17860
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$4320.00;21/18568
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$4320.00;21/5899
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/1/ 5-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/1/NVN47646;# 5-14.
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/2/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/3/ .5%
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/A/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/AA/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/B/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/B/C/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/BB/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/C/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/CC/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/D/E/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/DD/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/EE/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/F/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/FF/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/FF/%CNVYD-RETND
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/G/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/GG/ EFF 03/26/2013
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/H/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/HH/



**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/HH/ EFF 02/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/I/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/II/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/III/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/JJ/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/JJ/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/K/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/K/L/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/KK/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/KK/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/L/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/M/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/M/N/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/N/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/O/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/O/P/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/P/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Q/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Q/R/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Q/R/S/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/R/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/S/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/T/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/U/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/V/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/W/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/X/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Y/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Z/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		05;145003
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		1
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		1 TOR CANCLD
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		11-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		12-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		12-14B
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		14-11
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		31-23
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		4-23
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		5-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		5-14A
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		EFF 10/7/09;NVB1142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		EFF 3/14/14; WYB1307;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		EFF 6/23/09;NVB1127;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		INPUT INCORRECTLY
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		NV-87-10-0152;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		NVB001142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		TOR CANCLD 3/25/13
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$150,000;WYB001307;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1127;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/17860
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/18568
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/5899
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/1/ 5-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/1/NVN47646;# 5-14.
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/2/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/3/ .5%
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/A/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/AA/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/B/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/B/C/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/BB/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/C/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/CC/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/D/E/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/DD/

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/EE/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/F/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/FF/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/FF/%CNVYD-RETND
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/G/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/GG/ EFF 03/26/2013
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/H/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/HH/ EFF 02/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/I/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/II/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/II/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/J/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/JJ/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/JJ/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/K/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/K/L/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/KK/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/KK/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/L/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/M/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/M/N/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/N/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/O/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/O/P/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/P/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/Q/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/Q/R/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/Q/R/S/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/R/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/S/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/T/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/U/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/V/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/X/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/Y/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/Z/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		05;145003
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		1
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		1 TOR CANCLD
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		11-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		12-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		12-14B
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		14-11
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		31-23
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		4-23
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		5-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		5-14A
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		EFF 10/7/09;NVB1142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		EFF 3/14/14; WYB1307;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		EFF 6/23/09;NVB1127;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		INPUT INCORRECTLY
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		NV-87-10-0152;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		NVB001142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		TOR CANCLD 3/25/13
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		\$150,000;WYB001307;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		\$25,000;NVB1127;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		\$25,000;NVB1142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		\$4320.00;21/17860
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		\$4320.00;21/18568
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		\$4320.00;21/5899
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		/1/ 5-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		/1/NVN47646;# 5-14.
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		/2/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		/3/ .5%
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		/A/









DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		INPUT INCORRECTLY
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		NV-87-10-0152;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		NVB001142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		TOR CANCLD 3/25/13
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$150,000;WYB001307;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$25,000;NVB1127;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$25,000;NVB1142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$4320.00;21/17860
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$4320.00;21/18568
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$4320.00;21/5899
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/1/ 5-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/1/NVN47646;# 5-14.
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/2/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/3/ .5%
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/A/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/AA/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/B/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/B/C/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/BB/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/C/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/CC/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/D/E/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/DD/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/EE/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/F/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/FF/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/FF/%CNVYD-RETND
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/G/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/GG/ EFF 03/26/2013
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/H/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/HH/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/HH/ EFF 02/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/I/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/II/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/II/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/J/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/JJ/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/JJ/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/K/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/K/L/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/KK/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/KK/ EFF 04/01/2020
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/L/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/M/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/M/N/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/N/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/O/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/O/P/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/P/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Q/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Q/R/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Q/R/S/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/R/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/S/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/T/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/U/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/V/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/W/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/X/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Y/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Z/
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		05;145003
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		1
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		1 TOR CANCLD
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		11-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		12-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		12-14B

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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		14-11
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		31-23
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		4-23
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		5-14
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		5-14A
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 10/7/09;NVB1142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 3/14/14; WYB1307;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 6/23/09;NVB1127;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		INPUT INCORRECTLY
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		NV-87-10-0152;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		NVB001142;
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		TOR CANCLD 3/25/13
FINLEY CO	BOX 2086	AUSTIN	TX	78768	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$150,000;WYB001307;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$25,000;NVB1127;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$25,000;NVB1142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/17860
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/18568
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/5899
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/1/ 5-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/1/NVN47646;# 5-14.
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/2/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/3/ .5%
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/A/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/AA/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/B/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/B/C/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/BB/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/C/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/CC/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/D/E/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/DD/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/EE/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/F/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/FF/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/FF/%CNVYD-RETND
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/G/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/GG/ EFF 03/26/2013
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/H/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/HH/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/HH/ EFF 02/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/I/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/II/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/II/ EFF 04/01/2020
GRANT CANYON OIL	717 17TH ST STE	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/J/

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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
& GAS LLC	1400												
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/JJ/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/JJ/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/K/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/K/L/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/KK/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/KK/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/L/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/M/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/M/N/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/N/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/O/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/O/P/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/P/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Q/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Q/R/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Q/R/S/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/R/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/S/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/T/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/U/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/V/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/W/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/X/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Y/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Z/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		05;145003
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		1
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		1 TOR CANCLD
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		11-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		12-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		12-14B
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		14-11
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		31-23
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		4-23
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		5-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		5-14A
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		EFF 10/7/09;NVB1142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		EFF 3/14/14; WYB1307;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		EFF 6/23/09;NVB1127;
GRANT CANYON OIL	717 17TH ST STE	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		INPUT



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& GAS LLC	1400												INCORRECTLY
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		NV-87-10-0152;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		NVB001142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		TOR CANCLD 3/25/13
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$150,000;WYB001307;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$25,000;NVB1127;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$25,000;NVB1142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$4320.00;21/17860
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$4320.00;21/18568
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$4320.00;21/5899
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/1/ 5-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/1/NVN47646;# 5-14.
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/2/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/3/ .5%
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/A/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/AA/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/B/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/B/C/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/BB/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/C/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/CC/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/D/E/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/DD/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/EE/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/F/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/FF/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/FF/%CNVYD-RETND
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/G/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/GG/ EFF 03/26/2013
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/H/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/HH/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/HH/ EFF 02/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/I/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/II/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/II/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/J/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/JJ/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/JJ/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/K/
GRANT CANYON OIL	717 17TH ST STE	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/K/L/



**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
& GAS LLC	1400												
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/KK/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/KK/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/L/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/M/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/M/N/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/N/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/O/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/O/P/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/P/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Q/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Q/R/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Q/R/S/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/R/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/S/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/T/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/U/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/V/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/W/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/X/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Y/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Z/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		05;145003
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		1
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		1 TOR CANCLD
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		11-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		12-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		12-14B
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		14-11
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		31-23
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		4-23
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		5-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		5-14A
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		EFF 10/7/09;NVB1142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		EFF 3/14/14; WYB1307;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		EFF 6/23/09;NVB1127;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		INPUT INCORRECTLY
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		NV-87-10-0152;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		NVB001142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		TOR CANCLD 3/25/13
GRANT CANYON OIL	717 17TH ST STE	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
& GAS LLC	1400												
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$150,000;WYB001307;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$25,000;NVB1127;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$25,000;NVB1142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$4320.00;21/17860
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$4320.00;21/18568
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$4320.00;21/5899
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/1/ 5-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/1/NVN47646;# 5-14.
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/2/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/3/ .5%
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/A/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/AA/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/B/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/B/C/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/BB/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/C/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/CC/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/D/E/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/DD/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/EE/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/F/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/FF/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/FF/%CNVYD-RETND
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/G/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/GG/ EFF 03/26/2013
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/H/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/HH/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/HH/ EFF 02/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/I/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/II/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/II/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/J/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/JJ/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/JJ/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/K/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/K/L/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/KK/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/KK/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/L/
GRANT CANYON OIL	717 17TH ST STE	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,		/M/

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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
& GAS LLC	1400										SESW		
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		/M/N/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		/N/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		/O/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		/O/P/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		/P/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		/Q/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		/Q/R/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		/Q/R/S/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		/R/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		/S/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		/T/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		/U/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		/V/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		/W/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		/X/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		/Y/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		/Z/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		05;145003
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		1
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		1 TOR CANCLD
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		11-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		12-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		12-14B
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		14-11
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		31-23
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		4-23
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		5-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		5-14A
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		EFF 10/7/09;NVB1142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		EFF 3/14/14; WYB1307;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		EFF 6/23/09;NVB1127;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		INPUT INCORRECTLY
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		NV-87-10-0152;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		NVB001142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		TOR CANCLD 3/25/13
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW		
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$150,000;WYB001307;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1127;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1142;
GRANT CANYON OIL	717 17TH ST STE	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/17860



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& GAS LLC	1400												
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/18568
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/5899
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/1/ 5-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/1/NVN47646;# 5-14.
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/2/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/3/ .5%
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/A/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/AA/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/B/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/B/C/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/BB/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/C/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/CC/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/D/E/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/DD/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/EE/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/F/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/FF/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/FF/%CNVYD-RETND
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/G/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/GG/ EFF 03/26/2013
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/H/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/HH/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/HH/ EFF 02/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/I/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/II/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/II/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/J/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/JJ/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/JJ/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/K/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/K/L/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/KK/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/KK/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/L/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/M/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/M/N/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/N/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/O/
GRANT CANYON OIL	717 17TH ST STE	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/O/P/



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& GAS LLC	1400												
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/P/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Q/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Q/R/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Q/R/S/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/R/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/S/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/T/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/U/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/V/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/W/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/X/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Y/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Z/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		05;145003
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		1
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		1 TOR CANCLD
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		11-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		12-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		12-14B
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		14-11
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		31-23
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		4-23
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		5-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		5-14A
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		EFF 10/7/09;NVB1142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		EFF 3/14/14; WYB1307;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		EFF 6/23/09;NVB1127;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		INPUT INCORRECTLY
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		NV-87-10-0152;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		NVB001142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		TOR CANCLD 3/25/13
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$150,000;WYB001307;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$25,000;NVB1127;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$25,000;NVB1142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$4320.00;21/17860
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$4320.00;21/18568
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$4320.00;21/5899
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/1/ 5-14
GRANT CANYON OIL	717 17TH ST STE	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/1/NVN47646;# 5-14.

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
& GAS LLC	1400												
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/2/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/3/ .5%
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/A/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/AA/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/B/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/B/C/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/BB/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/C/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/CC/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/D/E/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/DD/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/EE/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/F/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/FF/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/FF/%CNVYD-RETND
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/G/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/GG/ EFF 03/26/2013
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/H/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/HH/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/HH/ EFF 02/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/I/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/II/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/II/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/J/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/JJ/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/JJ/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/K/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/K/L/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/KK/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/KK/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/L/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/M/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/M/N/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/N/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/O/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/O/P/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/P/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Q/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Q/R/
GRANT CANYON OIL	717 17TH ST STE	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Q/R/S/

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
& GAS LLC	1400												
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/R/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/S/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/T/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/U/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/V/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/W/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/X/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Y/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Z/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		05;145003
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		1
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		1 TOR CANCLD
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		11-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		12-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		12-14B
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		14-11
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		31-23
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		4-23
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		5-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		5-14A
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		EFF 10/7/09;NVB1142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		EFF 3/14/14; WYB1307;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		EFF 6/23/09;NVB1127;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		INPUT INCORRECTLY
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		NV-87-10-0152;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		NVB001142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		TOR CANCLD 3/25/13
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$150,000;WYB001307;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1127;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/17860
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/18568
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/5899
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/1/ 5-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/1/NVN47646;# 5-14.
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/2/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/3/ .5%
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/A/
GRANT CANYON OIL	717 17TH ST STE	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/AA/







**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
& GAS LLC	1400												
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/V/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/W/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/X/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/Y/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/Z/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		05;145003
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		1
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		1 TOR CANCLD
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		11-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		12-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		12-14B
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		14-11
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		31-23
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		4-23
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		5-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		5-14A
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		EFF 10/7/09;NVB1142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		EFF 3/14/14; WYB1307;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		EFF 6/23/09;NVB1127;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		INPUT INCORRECTLY
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		NV-87-10-0152;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		NVB001142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		TOR CANCLD 3/25/13
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$150,000;WYB001307;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$25,000;NVB1127;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$25,000;NVB1142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$4320.00;21/17860
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$4320.00;21/18568
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$4320.00;21/5899
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/1/ 5-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/1/NVN47646;# 5-14.
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/2/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/3/ .5%
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/A/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/AA/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/B/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/B/C/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/BB/
GRANT CANYON OIL	717 17TH ST STE	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/C/

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& GAS LLC	1400												
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/CC/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/D/E/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/DD/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/EE/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/F/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/FF/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/FF/%CNVYD-RETND
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/G/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/GG/ EFF 03/26/2013
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/H/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/HH/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/HH/ EFF 02/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/I/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/II/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/II/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/J/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/JJ/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/JJ/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/K/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/K/L/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/KK/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/KK/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/L/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/M/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/M/N/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/N/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/O/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/O/P/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/P/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/Q/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/Q/R/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/Q/R/S/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/R/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/S/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/T/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/U/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/V/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/W/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/X/
GRANT CANYON OIL	717 17TH ST STE	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/Y/

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& GAS LLC	1400												
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/Z/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		05;145003
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		1
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		1 TOR CANCLD
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		11-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		12-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		12-14B
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		14-11
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		31-23
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		4-23
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		5-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		5-14A
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		EFF 10/7/09;NVB1142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		EFF 3/14/14; WYB1307;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		EFF 6/23/09;NVB1127;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		INPUT INCORRECTLY
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		NV-87-10-0152;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		NVB001142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		TOR CANCLD 3/25/13
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$150,000;WYB001307;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1127;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/17860
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/18568
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/5899
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/1/ 5-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/1/NVN47646;# 5-14.
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/2/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/3/ .5%
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/A/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/AA/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/B/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/B/C/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/BB/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/C/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/CC/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/D/E/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/DD/
GRANT CANYON OIL	717 17TH ST STE	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/EE/







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& GAS LLC	1400												
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		11-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		12-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		12-14B
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		14-11
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		31-23
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		4-23
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		5-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		5-14A
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		EFF 10/7/09;NVB1142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		EFF 3/14/14; WYB1307;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		EFF 6/23/09;NVB1127;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		INPUT INCORRECTLY
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		NV-87-10-0152;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		NVB001142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		TOR CANCLD 3/25/13
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$150,000;WYB001307;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$25,000;NVB1127;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$25,000;NVB1142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$4320.00;21/17860
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$4320.00;21/18568
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$4320.00;21/5899
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/1/ 5-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/1/NVN47646;# 5-14.
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/2/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/3/ .5%
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/A/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/AA/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/B/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/B/C/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/BB/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/C/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/CC/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/D/E/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/DD/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/EE/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/F/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/FF/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/FF/%CNVYD-RETND
GRANT CANYON OIL	717 17TH ST STE	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/G/

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& GAS LLC	1400												
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/GG/ EFF 03/26/2013
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/H/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/HH/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/HH/ EFF 02/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/I/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/II/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/III/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/J/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/JJ/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/JJ/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/K/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/K/L/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/KK/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/KK/ EFF 04/01/2020
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/L/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/M/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/M/N/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/N/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/O/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/O/P/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/P/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Q/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Q/R/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Q/R/S/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/R/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/S/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/T/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/U/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/V/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/W/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/X/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Y/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Z/
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		05;145003
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		1
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		1 TOR CANCLD
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		11-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		12-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		12-14B
GRANT CANYON OIL	717 17TH ST STE	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		14-11

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GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		4-23
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		5-14
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		5-14A
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 10/7/09;NVB1142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 3/14/14; WYB1307;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 6/23/09;NVB1127;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		INPUT INCORRECTLY
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		NV-87-10-0152;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		NVB001142;
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		TOR CANCLD 3/25/13
GRANT CANYON OIL & GAS LLC	717 17TH ST STE 1400	DENVER	CO	80202-3303	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$150,000;WYB001307;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$25,000;NVB1127;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$25,000;NVB1142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/17860
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/18568
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/5899
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/1/ 5-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/1/NVN47646;# 5-14.
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/2/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/3/ .5%
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/A/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/AA/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/B/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/B/C/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/BB/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/C/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/CC/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/D/E/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/DD/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/EE/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/F/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/FF/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/FF/%CNVYD-RETND
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/G/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/GG/ EFF 03/26/2013
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/H/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/HH/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/HH/ EFF 02/01/2020



**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
GAS LLC	CIR												
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/I/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/II/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/III/ EFF 04/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/J/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/JJ/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/JJ/ EFF 04/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/K/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/K/L/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/KK/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/KK/ EFF 04/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/L/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/M/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/M/N/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/N/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/O/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/O/P/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/P/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Q/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Q/R/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Q/R/S/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/R/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/S/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/T/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/U/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/V/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/W/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/X/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Y/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Z/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		05;145003
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		1
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		1 TOR CANCLD
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		11-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		12-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		12-14B
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		14-11
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		31-23
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		4-23
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		5-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		5-14A



**DEPARTMENT OF THE INTERIOR  
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CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
GAS LLC	CIR												
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		EFF 10/7/09;NVB1142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		EFF 3/14/14; WYB1307;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		EFF 6/23/09;NVB1127;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		INPUT INCORRECTLY
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		NV-87-10-0152;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		NVB001142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		TOR CANCLD 3/25/13
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$150,000;WYB001307;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$25,000;NVB1127;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$25,000;NVB1142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$4320.00;21/17860
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$4320.00;21/18568
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$4320.00;21/5899
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/1/ 5-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/1/NVN47646;# 5-14.
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/2/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/3/ .5%
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/A/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/AA/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/B/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/B/C/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/BB/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/C/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/CC/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/D/E/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/DD/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/EE/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/F/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/FF/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/FF/%CNVYD-RETND
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/G/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/GG/ EFF 03/26/2013
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/H/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/HH/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/HH/ EFF 02/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/I/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/II/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/II/ EFF 04/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/J/

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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
GAS LLC	CIR												
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/JJ/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/JJ/ EFF 04/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/K/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/K/L/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/KK/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/KK/ EFF 04/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/L/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/M/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/M/N/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/N/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/O/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/O/P/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/P/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Q/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Q/R/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Q/R/S/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/R/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/S/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/T/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/U/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/V/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/W/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/X/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Y/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Z/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		05;145003
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		1
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		1 TOR CANCLD
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		11-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		12-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		12-14B
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		14-11
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		31-23
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		4-23
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		5-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		5-14A
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		EFF 10/7/09;NVB1142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		EFF 3/14/14; WYB1307;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		EFF 6/23/09;NVB1127;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		INPUT

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GAS LLC	CIR												INCORRECTLY
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		NV-87-10-0152;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		NVB001142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		TOR CANCLD 3/25/13
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$150,000;WYB001307;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$25,000;NVB1127;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$25,000;NVB1142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$4320.00;21/17860
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$4320.00;21/18568
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$4320.00;21/5899
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/1/ 5-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/1/NVN47646;# 5-14.
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/2/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/3/ .5%
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/A/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/AA/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/B/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/B/C/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/BB/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/C/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/CC/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/D/E/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/DD/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/EE/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/F/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/FF/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/FF/%CNVYD-RETND
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/G/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/GG/ EFF 03/26/2013
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/H/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/HH/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/HH/ EFF 02/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/I/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/II/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/II/ EFF 04/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/J/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/JJ/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/JJ/ EFF 04/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/K/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/K/L/



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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
GAS LLC	CIR										SESW		
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/KK/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/KK/ EFF 04/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/L/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/M/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/M/N/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/N/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/O/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/O/P/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/P/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/Q/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/Q/R/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/Q/R/S/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/R/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/S/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/T/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/U/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/V/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/W/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/X/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/Y/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/Z/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		05;145003
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		1
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		1 TOR CANCLD
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		11-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		12-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		12-14B
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		14-11
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		31-23
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		4-23
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		5-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		5-14A
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		EFF 10/7/09;NVB1142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		EFF 3/14/14; WYB1307;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		EFF 6/23/09;NVB1127;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		INPUT INCORRECTLY
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		NV-87-10-0152;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		NVB001142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		TOR CANCLD 3/25/13
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		



**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
GAS LLC	CIR										SESW		
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$150,000;WYB001307;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1127;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/17860
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/18568
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/5899
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/1/ 5-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/1/NVN47646;# 5-14.
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/2/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/3/ .5%
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/A/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/AA/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/B/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/B/C/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/BB/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/C/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/CC/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/D/E/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/DD/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/EE/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/F/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/FF/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/FF/%CNVYD-RETND
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/G/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/GG/ EFF 03/26/2013
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/H/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/HH/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/HH/ EFF 02/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/I/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/II/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/II/ EFF 04/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/J/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/JJ/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/JJ/ EFF 04/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/K/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/K/L/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/KK/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/KK/ EFF 04/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/L/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/M/

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
GAS LLC	CIR												
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/M/N/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/N/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/O/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/O/P/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/P/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Q/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Q/R/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Q/R/S/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/R/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/S/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/T/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/U/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/V/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/W/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/X/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Y/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Z/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		05;145003
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		1
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		1 TOR CANCLD
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		11-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		12-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		12-14B
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		14-11
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		31-23
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		4-23
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		5-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		5-14A
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		EFF 10/7/09;NVB1142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		EFF 3/14/14; WYB1307;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		EFF 6/23/09;NVB1127;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		INPUT INCORRECTLY
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		NV-87-10-0152;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		NVB001142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		TOR CANCLD 3/25/13
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$150,000;WYB001307;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$25,000;NVB1127;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$25,000;NVB1142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$4320.00;21/17860

**DEPARTMENT OF THE INTERIOR  
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CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
GAS LLC	CIR												
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$4320.00;21/18568
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$4320.00;21/5899
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/1/ 5-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/1/NVN47646;# 5-14.
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/2/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/3/ .5%
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/A/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/AA/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/B/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/B/C/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/BB/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/C/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/CC/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/D/E/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/DD/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/EE/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/F/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/FF/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/FF/%CNVYD-RETND
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/G/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/GG/ EFF 03/26/2013
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/H/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/HH/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/HH/ EFF 02/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/I/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/II/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/II/ EFF 04/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/J/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/JJ/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/JJ/ EFF 04/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/K/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/K/L/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/KK/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/KK/ EFF 04/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/L/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/M/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/M/N/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/N/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/O/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/O/P/



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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
GAS LLC	CIR												
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/P/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Q/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Q/R/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Q/R/S/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/R/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/S/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/T/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/U/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/V/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/W/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/X/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Y/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Z/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		05;145003
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		1
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		1 TOR CANCLD
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		11-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		12-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		12-14B
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		14-11
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		31-23
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		4-23
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		5-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		5-14A
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		EFF 10/7/09;NVB1142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		EFF 3/14/14; WYB1307;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		EFF 6/23/09;NVB1127;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		INPUT INCORRECTLY
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		NV-87-10-0152;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		NVB001142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		TOR CANCLD 3/25/13
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$150,000;WYB001307;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1127;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/17860
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/18568
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/5899
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/1/ 5-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/1/NVN47646;# 5-14.





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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
GAS LLC	CIR												
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/R/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/S/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/T/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/U/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/V/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/W/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/X/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/Y/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/Z/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		05;145003
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		1
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		1 TOR CANCLD
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		11-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		12-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		12-14B
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		14-11
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		31-23
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		4-23
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		5-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		5-14A
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		EFF 10/7/09;NVB1142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		EFF 3/14/14; WYB1307;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		EFF 6/23/09;NVB1127;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		INPUT INCORRECTLY
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		NV-87-10-0152;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		NVB001142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		TOR CANCLD 3/25/13
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$150,000;WYB001307;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$25,000;NVB1127;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$25,000;NVB1142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$4320.00;21/17860
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$4320.00;21/18568
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$4320.00;21/5899
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/1/ 5-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/1/NVN47646;# 5-14.
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/2/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/3/ .5%
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/A/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/AA/





**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
GAS LLC	CIR												
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		/V/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		/W/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		/X/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		/Y/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		/Z/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		05;145003
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		1
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		1 TOR CANCLD
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		11-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		12-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		12-14B
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		14-11
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		31-23
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		4-23
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		5-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		5-14A
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		EFF 10/7/09;NVB1142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		EFF 3/14/14; WYB1307;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		EFF 6/23/09;NVB1127;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		INPUT INCORRECTLY
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		NV-87-10-0152;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		NVB001142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		TOR CANCLD 3/25/13
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$150,000;WYB001307;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1127;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/17860
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/18568
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/5899
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/1/ 5-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/1/NVN47646;# 5-14.
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/2/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/3/ .5%
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/A/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/AA/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/B/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/B/C/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/BB/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/C/





**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
GAS LLC	CIR												
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/Z/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		05;145003
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		1
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		1 TOR CANCLD
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		11-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		12-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		12-14B
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		14-11
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		31-23
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		4-23
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		5-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		5-14A
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		EFF 10/7/09;NVB1142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		EFF 3/14/14; WYB1307;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		EFF 6/23/09;NVB1127;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		INPUT INCORRECTLY
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		NV-87-10-0152;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		NVB001142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		TOR CANCLD 3/25/13
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$150,000;WYB001307;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$25,000;NVB1127;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$25,000;NVB1142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$4320.00;21/17860
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$4320.00;21/18568
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$4320.00;21/5899
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/1/ 5-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/1/NVN47646;# 5-14.
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/2/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/3/ .5%
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/A/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/AA/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/B/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/B/C/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/BB/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/C/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/CC/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/D/E/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/DD/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/EE/

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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
GAS LLC	CIR												
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/F/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/FF/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/FF/%CNVYD-RETND
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/G/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/GG/ EFF 03/26/2013
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/H/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/HH/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/HH/ EFF 02/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/I/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/II/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/III/ EFF 04/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/J/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/JJ/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/JJ/ EFF 04/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/K/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/K/L/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/KK/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/KK/ EFF 04/01/2020
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/L/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/M/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/M/N/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/N/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/O/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/O/P/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/P/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Q/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Q/R/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Q/R/S/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/R/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/S/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/T/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/U/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/V/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/W/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/X/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Y/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Z/
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		05;145003
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		1
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		1 TOR CANCLD



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GAS LLC	CIR												
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		11-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		12-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		12-14B
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		14-11
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		31-23
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		4-23
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		5-14
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		5-14A
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 10/7/09;NVB1142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 3/14/14; WYB1307;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 6/23/09;NVB1127;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		INPUT INCORRECTLY
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		NV-87-10-0152;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		NVB001142;
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		TOR CANCLD 3/25/13
PINE VALLEY OIL & GAS LLC	3300 S COLUMBINE CIR	ENGLEWOOD	CO	80113-7605	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$150,000;WYB001307;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$25,000;NVB1127;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$25,000;NVB1142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/17860
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/18568
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/5899
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/1/ 5-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/1/NVN47646;# 5-14.
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/2/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/3/ .5%
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/A/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/AA/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/B/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/B/C/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/BB/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/C/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/CC/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/D/E/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/DD/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/EE/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/F/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/FF/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/FF/%CNVYD-RETND
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/G/



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INVTMNT LLC													
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/GG/ EFF 03/26/2013
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/H/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/HH/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/HH/ EFF 02/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/I/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/II/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/III/ EFF 04/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/J/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/JJ/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/JJ/ EFF 04/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/K/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/K/L/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/KK/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/KK/ EFF 04/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/L/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/M/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/M/N/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/N/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/O/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/O/P/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/P/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Q/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Q/R/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Q/R/S/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/R/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/S/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/T/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/U/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/V/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/W/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/X/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Y/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/Z/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		05;145003
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		1
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		1 TOR CANCLD
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		11-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		12-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		12-14B
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		14-11

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INVTMNT LLC													
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		31-23
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		4-23
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		5-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		5-14A
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		EFF 10/7/09;NVB1142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		EFF 3/14/14; WYB1307;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		EFF 6/23/09;NVB1127;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		INPUT INCORRECTLY
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		NV-87-10-0152;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		NVB001142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		TOR CANCLD 3/25/13
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$150,000;WYB001307;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$25,000;NVB1127;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$25,000;NVB1142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$4320.00;21/17860
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$4320.00;21/18568
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		\$4320.00;21/5899
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/1/ 5-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/1/NVN47646;# 5-14.
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/2/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/3/ .5%
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/A/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/AA/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/B/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/B/C/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/BB/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/C/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/CC/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/D/E/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/DD/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/EE/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/F/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/FF/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/FF/%CNVYD-RETND
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/G/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/GG/ EFF 03/26/2013
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/H/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/HH/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/HH/ EFF 02/01/2020

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INVSTMNT LLC													
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/I/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/II/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/III/ EFF 04/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/J/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/JJ/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/JJ/ EFF 04/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/K/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/K/L/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/KK/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/KK/ EFF 04/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/L/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/M/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/M/N/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/N/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/O/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/O/P/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/P/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Q/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Q/R/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Q/R/S/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/R/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/S/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/T/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/U/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/V/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/W/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/X/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Y/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		/Z/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		05;145003
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		1
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		1 TOR CANCLD
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		11-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		12-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		12-14B
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		14-11
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		31-23
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		4-23
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		5-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		5-14A



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RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		EFF 3/14/14; WYB1307;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		EFF 6/23/09;NVB1127;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		INPUT INCORRECTLY
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		NV-87-10-0152;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		NVB001142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		TOR CANCLD 3/25/13
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	011	ALIQUOT	NW,S2		
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$150,000;WYB001307;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$25,000;NVB1127;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$25,000;NVB1142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$4320.00;21/17860
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$4320.00;21/18568
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		\$4320.00;21/5899
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/1/ 5-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/1/NVN47646;# 5-14.
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/2/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/3/ .5%
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/A/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/AA/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/B/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/B/C/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/BB/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/C/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/CC/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/D/E/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/DD/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/EE/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/F/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/FF/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/FF/%CNVYD-RETND
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/G/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/GG/ EFF 03/26/2013
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/H/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/HH/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/HH/ EFF 02/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/I/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/II/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/II/ EFF 04/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/J/



**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
INVTMNT LLC											SESW		
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/JJ/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/JJ/ EFF 04/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/K/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/K/L/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/KK/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/KK/ EFF 04/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/L/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/M/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/M/N/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/N/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/O/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/O/P/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/P/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/Q/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/Q/R/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/Q/R/S/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/R/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/S/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/T/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/U/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/V/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/W/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/X/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/Y/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		/Z/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		05;145003
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		1
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		1 TOR CANCLD
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		11-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		12-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		12-14B
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		14-11
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		31-23
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		4-23
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		5-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		5-14A
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		EFF 10/7/09;NVB1142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		EFF 3/14/14; WYB1307;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		EFF 6/23/09;NVB1127;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW,SESW		INPUT

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
INVTMNT LLC											SESW		INCORRECTLY
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		NV-87-10-0152;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		NVB001142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		TOR CANCLD 3/25/13
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$150,000;WYB001307;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1127;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/17860
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/18568
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/5899
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/1/ 5-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/1/NVN47646;# 5-14.
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/2/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/3/ .5%
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/A/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/AA/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/B/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/B/C/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/BB/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/C/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/CC/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/D/E/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/DD/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/EE/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/FF/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/FF/%CNVYD-RETND
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/G/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/GG/ EFF 03/26/2013
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/H/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/HH/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/HH/ EFF 02/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/I/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/II/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/II/ EFF 04/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/J/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/JJ/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/JJ/ EFF 04/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/K/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/K/L/

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RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/KK/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/KK/ EFF 04/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/L/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/M/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/M/N/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/N/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/O/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/O/P/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/P/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Q/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Q/R/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Q/R/S/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/R/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/S/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/T/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/U/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/V/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/W/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/X/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Y/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/Z/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		05;145003
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		1
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		1 TOR CANCLD
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		11-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		12-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		12-14B
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		14-11
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		31-23
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		4-23
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		5-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		5-14A
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		EFF 10/7/09;NVB1142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		EFF 3/14/14; WYB1307;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		EFF 6/23/09;NVB1127;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		INPUT INCORRECTLY
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		NV-87-10-0152;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		NVB001142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		TOR CANCLD 3/25/13
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		



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INVTMNT LLC													
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$150,000;WYB001307;
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$25,000;NVB1127;
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$25,000;NVB1142;
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$4320.00;21/17860
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$4320.00;21/18568
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		\$4320.00;21/5899
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/1/ 5-14
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/1/NVN47646;# 5-14.
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/2/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/3/ .5%
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/A/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/AA/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/B/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/B/C/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/BB/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/C/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/CC/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/D/E/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/DD/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/EE/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/F/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/FF/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/FF/%CNVVD-RETND
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/G/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/GG/ EFF 03/26/2013
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/H/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/HH/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/HH/ EFF 02/01/2020
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/I/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/II/
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RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/KK/ EFF 04/01/2020
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RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/M/



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RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/N/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/O/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/O/P/
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RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Q/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Q/R/
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RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/R/
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RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/U/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/V/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/W/
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RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Y/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		/Z/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		05;145003
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		1
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		1 TOR CANCLD
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		11-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		12-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		12-14B
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		14-11
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		31-23
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		4-23
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		5-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		5-14A
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		EFF 10/7/09;NVB1142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		EFF 3/14/14; WYB1307;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		EFF 6/23/09;NVB1127;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		INPUT INCORRECTLY
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		NV-87-10-0152;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		NVB001142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		TOR CANCLD 3/25/13
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	014	ALIQUOT	NWNE,W2,N2SE		
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$150,000;WYB001307;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1127;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/17860

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INVTMNT LLC													
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/18568
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/5899
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/1/ 5-14
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/1/NVN47646;# 5-14.
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/2/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/3/ .5%
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/A/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/AA/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/B/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/B/C/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/BB/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/C/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/CC/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/D/E/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/DD/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/EE/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/F/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/FF/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/FF/%CNVYD-RETND
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/G/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/GG/ EFF 03/26/2013
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/H/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/HH/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/HH/ EFF 02/01/2020
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/I/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/II/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/II/ EFF 04/01/2020
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/J/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/JJ/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/JJ/ EFF 04/01/2020
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/K/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/K/L/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/KK/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/KK/ EFF 04/01/2020
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/L/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/M/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/M/N/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/N/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/O/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/O/P/

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INVTMNT LLC													
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/P/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/Q/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/Q/R/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/Q/R/S/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/R/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/S/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/T/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/U/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/V/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/W/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/X/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/Y/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		/Z/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		05;145003
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		1
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		1 TOR CANCLD
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		11-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		12-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		12-14B
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		14-11
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		31-23
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		4-23
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		5-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		5-14A
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		EFF 10/7/09;NVB1142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		EFF 3/14/14; WYB1307;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		EFF 6/23/09;NVB1127;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		INPUT INCORRECTLY
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		NV-87-10-0152;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		NVB001142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		TOR CANCLD 3/25/13
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	023	ENTIRE SECTION	ENTIRE SECTION		
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$150,000;WYB001307;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$25,000;NVB1127;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$25,000;NVB1142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$4320.00;21/17860
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$4320.00;21/18568
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		\$4320.00;21/5899
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/1/ 5-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/1/NVN47646;# 5-14.



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RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/2/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/3/ .5%
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/A/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/AA/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/B/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/B/C/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/BB/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/C/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/CC/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/D/E/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/DD/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/EE/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/F/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/FF/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/FF/%CNVYD-RETND
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/G/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/GG/ EFF 03/26/2013
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/H/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/HH/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/HH/ EFF 02/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/I/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/II/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/II/ EFF 04/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/J/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/JJ/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/JJ/ EFF 04/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/K/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/K/L/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/KK/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/KK/ EFF 04/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/L/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/M/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/M/N/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/N/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/O/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/O/P/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/P/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/Q/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/Q/R/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SEW,S2		/Q/R/S/



**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
INVTMNT LLC													
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		/R/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		/S/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		/T/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		/U/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		/V/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		/W/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		/X/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		/Y/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		/Z/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		05;145003
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		1
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		1 TOR CANCLD
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		11-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		12-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		12-14B
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		14-11
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		31-23
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		4-23
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		5-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		5-14A
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		EFF 10/7/09;NVB1142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		EFF 3/14/14; WYB1307;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		EFF 6/23/09;NVB1127;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		INPUT INCORRECTLY
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		NV-87-10-0152;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		NVB001142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	024	ALIQUOT	NE,W2NW,SE,W,S2		TOR CANCLD 3/25/13
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$150,000;WYB001307;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1127;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/17860
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/18568
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/5899
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/1/ 5-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/1/NVN47646;# 5-14.
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/2/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/3/ .5%
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/A/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/AA/



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BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
INVTMNT LLC													
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/V/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/W/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/X/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/Y/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		/Z/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		05;145003
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		1
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		1 TOR CANCLD
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		11-14
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		12-14
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		12-14B
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		14-11
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		31-23
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		4-23
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		5-14
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		5-14A
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		EFF 10/7/09;NVB1142;
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		EFF 3/14/14; WYB1307;
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		EFF 6/23/09;NVB1127;
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		INPUT INCORRECTLY
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		NV-87-10-0152;
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		NVB001142;
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		TOR CANCLD 3/25/13
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	026	ENTIRE SECTION	ENTIRE SECTION		
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$150,000;WYB001307;
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$25,000;NVB1127;
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$25,000;NVB1142;
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$4320.00;21/17860
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$4320.00;21/18568
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		\$4320.00;21/5899
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/1/ 5-14
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/1/NVN47646;# 5-14.
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/2/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/3/ .5%
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/A/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/AA/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/B/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/B/C/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/BB/
RESOURCE LEGACY INVTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/C/



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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
INVSTMNT LLC													
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/CC/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/D/E/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/DD/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/EE/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/F/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/FF/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/FF/%CNVYD-RETND
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/G/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/GG/ EFF 03/26/2013
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/H/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/HH/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/HH/ EFF 02/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/I/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/II/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/II/ EFF 04/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/J/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/JJ/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/JJ/ EFF 04/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/K/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/K/L/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/KK/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/KK/ EFF 04/01/2020
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/L/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/M/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/M/N/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/N/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/O/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/O/P/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/P/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Q/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Q/R/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Q/R/S/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/R/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/S/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/T/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/U/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/V/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/W/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/X/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Y/



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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
INVSTMNT LLC													
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Z/
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		05;145003
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		1
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		1 TOR CANCLD
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		11-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		12-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		12-14B
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		14-11
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		31-23
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		4-23
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		5-14
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		5-14A
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 10/7/09;NVB1142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 3/14/14; WYB1307;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 6/23/09;NVB1127;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		INPUT INCORRECTLY
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		NV-87-10-0152;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		NVB001142;
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		TOR CANCLD 3/25/13
RESOURCE LEGACY INVSTMNT LLC	601 CORPORATE CIR	GOLDEN	CO	80401-5622	LESSEE	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$150,000;WYB001307;
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$25,000;NVB1127;
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$25,000;NVB1142;
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/17860
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/18568
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		\$4320.00;21/5899
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/1/ 5-14
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/1/NVN47646;# 5-14.
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/2/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/3/ .5%
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/A/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/AA/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/B/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/B/C/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/BB/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/C/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/CC/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/D/E/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/DD/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/EE/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/F/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/FF/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/FF/%CNVYD-RETND
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/G/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/GG/ EFF 03/26/2013
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/H/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/HH/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/HH/ EFF 02/01/2020
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/I/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/II/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/III/ EFF 04/01/2020
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/J/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	002	ALIQUOT	SW		/JJ/







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Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
											SESW		
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/A/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/AA/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/B/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/B/C/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/BB/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/C/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/CC/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/D/E/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/DD/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/EE/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/F/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/FF/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/FF/%CNVYD-RETND
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/G/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/GG/ EFF 03/26/2013
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/H/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/HH/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/HH/ EFF 02/01/2020
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/I/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/II/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/II/ EFF 04/01/2020
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/J/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/JJ/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/JJ/ EFF 04/01/2020
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/K/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/K/L/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/KK/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/KK/ EFF 04/01/2020
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/L/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/M/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/M/N/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/N/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/O/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/O/P/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/P/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/Q/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/Q/R/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/Q/R/S/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/R/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SESW, SESW		/S/



**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
											SESW		
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/T/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/U/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/V/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/W/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/X/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Y/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		/Z/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		05;145003
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		1
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		1 TOR CANCLD
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		11-14
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		12-14
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		12-14B
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		14-11
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		31-23
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		4-23
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		5-14
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		5-14A
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		EFF 10/7/09;NVB1142;
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		EFF 3/14/14; WYB1307;
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		EFF 6/23/09;NVB1127;
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		INPUT INCORRECTLY
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		NV-87-10-0152;
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		NVB001142;
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		TOR CANCLD 3/25/13
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	012	ALIQUOT	E2,W2W2,SENW,SESW		
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$150,000;WYB001307;
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1127;
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$25,000;NVB1142;
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/17860
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/18568
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		\$4320.00;21/5899
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/1/ 5-14
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/1/NVN47646;# 5-14.
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/2/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/3/ .5%
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/A/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/AA/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/B/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/B/C/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/BB/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/C/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/CC/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/D/E/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/DD/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/EE/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/F/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/FF/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	013	ENTIRE SECTION	ENTIRE SECTION		/FF/%CNVYD-RETND



















**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		//
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		//
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/X/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Y/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		/Z/
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		05;145003
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		1
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		1 TOR CANCLD
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		11-14
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		12-14
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		12-14B
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		14-11
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		31-23
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		4-23
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		5-14
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		5-14A
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 10/7/09;NVB1142;
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 3/14/14; WYB1307;
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		EFF 6/23/09;NVB1127;
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		INPUT INCORRECTLY
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		NV-87-10-0152;
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		NVB001142;
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		TOR CANCLD 3/25/13
TRUE OIL LLC	PO BOX 2360	CASPER	WY	82602-2360	OPERATING RIGHTS	0.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	SE		

**Admin State:** NV  
**Geo State:** NV

**Serial Number:** NVNV105693800 **Legacy Serial Number:**  
**BLM Product Name:** COMPETITIVE PUBLIC DOMAIN LEASE POST 1987  
**Case Disposition:** AUTHORIZED **Disposition Date:**

NVN 095046

**Total Acres:**

1,280

11/1/2017

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	015	ENTIRE SECTION	ENTIRE SECTION		\$11520.00;
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	015	ENTIRE SECTION	ENTIRE SECTION		/A/
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	015	ENTIRE SECTION	ENTIRE SECTION		/A/ EFF 05/01/2018;
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	015	ENTIRE SECTION	ENTIRE SECTION		05;145003;
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	015	ENTIRE SECTION	ENTIRE SECTION		CBD;
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	015	ENTIRE SECTION	ENTIRE SECTION		NV-17-09-001;
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	015	ENTIRE SECTION	ENTIRE SECTION		TWS;
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	015	ENTIRE SECTION	ENTIRE SECTION		
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	022	ENTIRE SECTION	ENTIRE SECTION		\$11520.00;
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	022	ENTIRE SECTION	ENTIRE SECTION		/A/
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	022	ENTIRE SECTION	ENTIRE SECTION		/A/ EFF 05/01/2018;
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	022	ENTIRE SECTION	ENTIRE SECTION		05;145003;
ROY G BARTON SR & OPAL BARTON	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	022	ENTIRE SECTION	ENTIRE SECTION		CBD;



**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
REVOCABLE TRUST													
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	022	ENTIRE SECTION	ENTIRE SECTION		NV-17-09-001;
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	022	ENTIRE SECTION	ENTIRE SECTION		TWS;
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	022	ENTIRE SECTION	ENTIRE SECTION		

**Admin State:** NV  
**Geo State:** NV

**Serial Number:** NVNV105693802 **Legacy Serial Number:** NVN 095245 **Total Acres:** 1,120  
**BLM Product Name:** COMPETITIVE PUBLIC DOMAIN LEASE POST 1987  
**Case Disposition:** AUTHORIZED **Disposition Date:** 11/1/2017

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	N2,SW		\$10080.00;
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	N2,SW		/A/
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	N2,SW		/A/ EFF 05/012018;
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	N2,SW		05;145003;
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	N2,SW		CBD;
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	N2,SW		NV-17-09-003;
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	N2,SW		TWS;
ROY G BARTON SR & OPAL BARTON REVOCABLE TRUST	1919 N TURNER ST	HOBBS	NM	88240-2712	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	027	ALIQUOT	N2,SW		

**Admin State:** NV  
**Geo State:** NV

**Serial Number:** NVNV105695673 **Legacy Serial Number:** NVN 095552 **Total Acres:** 640  
**BLM Product Name:** COMPETITIVE PUBLIC DOMAIN LEASE POST 1987  
**Case Disposition:** AUTHORIZED **Disposition Date:** 8/1/2017

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
WEST GRANT CANYON DEVELOPMENT LLC	459 N 300 W STE 9	KAYSVILLE	UT	84037-4204	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	021	ENTIRE SECTION	ENTIRE SECTION		\$3840;
WEST GRANT CANYON DEVELOPMENT LLC	459 N 300 W STE 9	KAYSVILLE	UT	84037-4204	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	021	ENTIRE SECTION	ENTIRE SECTION		/A/
WEST GRANT CANYON DEVELOPMENT LLC	459 N 300 W STE 9	KAYSVILLE	UT	84037-4204	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	021	ENTIRE SECTION	ENTIRE SECTION		/A/ EFF 05/01/2018
WEST GRANT CANYON DEVELOPMENT LLC	459 N 300 W STE 9	KAYSVILLE	UT	84037-4204	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	021	ENTIRE SECTION	ENTIRE SECTION		05;145003
WEST GRANT CANYON DEVELOPMENT LLC	459 N 300 W STE 9	KAYSVILLE	UT	84037-4204	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	021	ENTIRE SECTION	ENTIRE SECTION		1
WEST GRANT CANYON DEVELOPMENT LLC	459 N 300 W STE 9	KAYSVILLE	UT	84037-4204	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	021	ENTIRE SECTION	ENTIRE SECTION		CBD;
WEST GRANT	459 N 300 W STE 9	KAYSVILLE	UT	84037-4204	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	021	ENTIRE SECTION	ENTIRE SECTION		EFF4/24/18;

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
Public Geographic Report with Customer**

Customer Name	Street	City	State	Postal Code	Interest Relationship	Interest Percent	Meridian Name	Meridian Township Range	Section	Survey Type	Aliquot Part	Metes And Bounds	Action Remarks
CANYON DEVELOPMENT LLC													NVB002204;
WEST GRANT CANYON DEVELOPMENT LLC	459 N 300 W STE 9	KAYSVILLE	UT	84037-4204	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	021	ENTIRE SECTION	ENTIRE SECTION		NV-17-06-106;
WEST GRANT CANYON DEVELOPMENT LLC	459 N 300 W STE 9	KAYSVILLE	UT	84037-4204	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	021	ENTIRE SECTION	ENTIRE SECTION		ORIGINAL SIGNATURES;
WEST GRANT CANYON DEVELOPMENT LLC	459 N 300 W STE 9	KAYSVILLE	UT	84037-4204	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	021	ENTIRE SECTION	ENTIRE SECTION		WEG;
WEST GRANT CANYON DEVELOPMENT LLC	459 N 300 W STE 9	KAYSVILLE	UT	84037-4204	LESSEE	100.000	MOUNT DIABLO	21 0070N 0560E	021	ENTIRE SECTION	ENTIRE SECTION		

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01 07-23-1955;069STAT0367;30USC612

Total Acres:  
3.330

Serial Number  
NVN 100052

Case Type 380913: SURFACE MGT- NOTICE

Commodity 999: TO BE DEFINED

Case Disposition: AUTHORIZED

Case File Juris: TONOPAH FIELD OFFICE

Serial Number: NVN--- - 100052

Name & Address						Int Rel	% Interest
3 PL OPERATING INC	1802 N CARSON ST STE 106	CARSON CITY	NV	897011227	OPERATOR	100.000000000	
3 PL OPERATING INC	1802 N CARSON ST STE 106	CARSON CITY	NV	897011227	CLAIMANT	100.000000000	

Serial Number: NVN--- - 100052

Mer	Twp	Rng	Sec	SType	Nr	Suff	Subdivision	District/ Field Office	County	Mgmt Agency
21	0070N	0560E	018	ALL			ENTIRE SECTION	TONOPAH FIELD OFFICE	NYE	BUREAU OF LAND MGMT
21	0070N	0560E	022	ALL			ENTIRE SECTION	TONOPAH FIELD OFFICE	NYE	BUREAU OF LAND MGMT
21	0070N	0560E	023	ALL			ENTIRE SECTION	TONOPAH FIELD OFFICE	NYE	BUREAU OF LAND MGMT
21	0070N	0560E	027	ALL			ENTIRE SECTION	TONOPAH FIELD OFFICE	NYE	BUREAU OF LAND MGMT
21	0070N	0560E	028	ALL			ENTIRE SECTION	TONOPAH FIELD OFFICE	NYE	BUREAU OF LAND MGMT
21	0070N	0560E	032	ALL			ENTIRE SECTION	TONOPAH FIELD OFFICE	NYE	BUREAU OF LAND MGMT

**Relinquished/Withdrawn Lands**

Serial Number: NVN--- - 100052

Serial Number: NVN--- - 100052

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
03/29/2018	376	BOND FILED	\$43997;NVB2193	
03/29/2018	909	BOND ACCEPTED	EFF 03/29/18;NVB2193	
10/26/2020	387	CASE ESTABLISHED		
10/26/2020	405	NOTICE OF INTENT/DISTURB	3.33AC;PROP	
10/26/2020	500	GEOGRAPHIC NAME	3PL RRVII EXPL	
10/27/2020	669	LAND STATUS CHECKED		
11/04/2020	041	COMPL EXAM/RPT COMPLETED	WHITE;	
11/04/2020	528	ACRES DISTURBED	3.33;	
11/06/2020	022	RECL COST DET	\$35803;2YRR	
11/06/2020	300	BOND REQUIRED	\$35803;	
11/06/2020	874	RESOURCE CLEARANCES	ALL;	
11/09/2020	915	OPERATIONS AUTHORIZED		
03/25/2021	041	COMPL EXAM/RPT COMPLETED	WHITE;	
03/25/2021	528	ACRES DISTURBED	3.33;	
06/22/2021	104	ADDTL INFO RQSTD	NNC;	

NO WARRANTY IS MADE BY BLM FOR USE OF THE DATA FOR PURPOSES NOT INTENDED BY BLM

**DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
CASE RECORDATION  
(MASS) Serial Register Page**

Run Date/Time: 2/23/2022 9:21 AM

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Serial Number: NVN--- - 100052

Act Date	Act Code	Action Txt	Action Remarks	Pending Off
06/24/2021	103	ADDTL INFO RECD	AMENDMENTWITHDRAWN;	
07/14/2021	114	AMEND/CORR APLN RECD	AMENDMENT#1;WITHDRAWN	
07/14/2021	405	NOTICE OF INTENT/DISTURB	4.57 AC; PROP DISTURB	
09/16/2021	114	AMEND/CORR APLN RECD	AMENDMENT#1 REV#2;	
09/16/2021	405	NOTICE OF INTENT/DISTURB	4.88 AC; PROP DISTURB	
09/20/2021	103	ADDTL INFO RECD	COMMENT RESPONSE;	
10/04/2021	104	ADDTL INFO RQSTD	NNC;	
11/01/2021	114	AMEND/CORR APLN RECD	AMENDMENT #3	
11/01/2021	405	NOTICE OF INTENT/DISTURB	3.73 AC; PROP DISTURB	
11/09/2021	041	COMPL EXAM/RPT COMPLETED	GONZALES;	
11/15/2021	022	RECL COST DET	\$429117; 2YRR	
11/15/2021	300	BOND REQUIRED	\$429117;	
11/15/2021	874	RESOURCE CLEARANCES	ALL;	
12/13/2021	460	BOND AMOUNT OBLIGATED	\$429117;	
12/13/2021	909	BOND ACCEPTED	EFF 12/13/21;\$429117	
11/15/2023	763	EXPIRES		

Line Number	Remark Text	Serial Number: NVN--- - 100052
0001	PREVIOUSLY 96489	