

NEVADA BLM GEOTHERMAL STIPULATIONS

Stipulation Numbering System

(Ex: NV-B-02-A-TL)

| State | District | Resource | Resource # | Stip # | Constraint (LN, TL, CSU, NSO) |
|--------------|------------------------|--|-------------------|---------------|--------------------------------------|
| NV | Battle Mtn = B | Standard Notices | 00 | A | LN |
| | | Pronghorn Antelope Seasonal Habitat | 01 | A | TL |
| | | Pronghorn Antelope Calving Habitat | 01 | B | TL |
| | Carson City = C | Mule Deer Seasonal Habitat | 02 | A | TL |
| | | Mule Deer Migration Corridors | 02 | B | TL |
| | | Mule Deer Fawning Habitat | 02 | C | TL |
| | Elko = E | Elk Seasonal Habitat | 03 | A | TL |
| | | Elk Calving Habitat | 03 | B | TL |
| | | Bighorn Sheep Year-Round Habitat | 04 | A | CSU |
| | Ely = L | Bighorn Sheep Lambing/Crucial Winter Habitat | 04 | B | TL |
| | | Bighorn Sheep Summer Range | 04 | C | TL |
| | | Wild Horse and Burros Notice | 05 | A | LN |
| | Southern NV = S | Raptor Nests | 06 | B | TL |
| | | Trails | 07 | D | NSO |
| | | Trails | 07 | D | CSU |
| | Winnemucca = W | Fossils (PFYC-4) Notice | 08 | A | LN |
| | | Fossils (PFYC-5) Stipulation | 08 | B | NSO |
| | | Recreation | 09 | A | NSO |
| | | Riparian Habitat | 10 | A | NSO |
| | | Riparian Habitat Buffer | 10 | B | CSU |
| | | 100-Year Flood Plains | 10 | C | NSO |
| | | Playas | 10 | D | NSO |
| | | Municipal Wellhead Zones Notice | 10 | E | LN |
| | | Soil Slopes >30 percent | 11 | A | CSU |
| | | Soil Slopes >40 percent | 11 | B | NSO |
| | | Severe Soil Erosion | 11 | C | CSU |
| | | NDOT Mineral Sites Notice | 12 | A | LN |
| | | Saleable Minerals- Community Pit Notice | 12 | B | LN |
| | | Solid Mineral Leasing Notice | 14 | A | LN |
| | | Existing Geothermal Wells Notice | 15 | A | LN |
| | | Existing Water Well | 15 | B | LN |
| | | Sage-Grouse Habitat | 16 | A | NSO |
| | | Sage-Grouse Habitat | 16 | B | TL |
| | | Sage-Grouse Habitat | 16 | C | TL |
| | | Sage-Grouse Habitat | 16 | D | TL |
| | | Sage-Grouse Habitat | 16 | E | TL |

| | | | | | |
|--|--|---------------------------------------|----|---|-----|
| | | Sage-Grouse Habitat | 16 | F | CSU |
| | | Sage-Grouse Habitat | 16 | G | CSU |
| | | Sage-Grouse Habitat Notice | 16 | H | LN |
| | | Lands with Wilderness Characteristics | 17 | A | LN |
| | | Range Management | 18 | A | LN |
| | | | | | |
| | | | | | |

BLM Nevada Standard Notices
(NV-B-00-A-LN)

These notices apply to all parcels all lands and represent standard Best Management Practices for ensuring compliance with extant Federal Laws and resource protection.

T&E, Sensitive and Special Status Species

The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. BLM may recommend modifications to exploration and development proposals to further its conservation and management objective to avoid BLM-approved activity that will contribute to a need to list such a species or their habitat. BLM may require modifications to or disapprove proposed activity that is likely to result in jeopardy to the continued existence of a proposed or listed threatened or endangered species or result in the destruction or adverse modification of a designated or proposed critical habitat. BLM will not approve any ground-disturbing activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the Endangered Species Act as amended, 16 U.S.C. §1531 et seq., including completion of any required procedure for conference or consultation.

Migratory Birds

The Operator is responsible for compliance with provisions of the Migratory Bird Treaty Act by implementing measures to prevent take of migratory birds. Operators should be aware that any ground clearing or other disturbance (such as creating cross-country access to sites, drilling, and/or construction) during the migratory bird (including raptors) nesting season (March 1 -July 31) risks a violation of the Migratory Bird Treaty Act. Disturbance to nesting migratory birds should be avoided by conducting surface disturbing activities outside the migratory bird nesting season.

If surface disturbing activities must be implemented during the nesting season, a preconstruction survey for nesting migratory birds should be performed by a qualified wildlife biologist, during the breeding season (if work is not completed within a specified time frame, then additional surveys may be needed). If active nests are found, an appropriately-sized no surface disturbance buffer determined in coordination with the BLM biologist should be placed on the active nest until the nesting attempt has been completed. If no active nests are found, construction activities must occur within the survey validity time frame specified in the conditions of approval.

Cultural Resources and Tribal Consultation

This lease may be found to contain historic properties and/or resources protected under the National Historic Preservation Act (NHPA), American Indian Religious Freedom Act, Native American Graves Protection and Repatriation Act, Executive Order 13007, or other statutes and executive orders. The BLM will not approve any ground-disturbing activities that may affect any such properties or resources until it completes its obligations (e.g., State Historic Preservation Officer (SHPO) and tribal consultation) under applicable requirements of the NHPA and other authorities. The BLM may require modification to exploration or development proposals to protect such properties, or disapprove any activity that is likely to result in adverse effects that cannot be successfully avoided, minimized, or mitigated.

Fossils

This area has low to moderate potential for vertebrate paleontological resources, unless noted to have higher potential in a separate stipulation. This area may contain vertebrate paleontological resources. Inventory and/or on-site monitoring during disturbance or spot checking may be required of the operator. In the event that previously undiscovered paleontological resources are discovered in the performance of any surface disturbing activities, the item(s) or condition(s) will be left intact and immediately brought to the attention of the authorized officer of the BLM. Operations within 250 feet of any such discovery will

not be resumed until written authorization to proceed is issued by the Authorized Officer. The lessee will bear the cost of any required paleontological appraisals, surface collection of fossils, or salvage of any large conspicuous fossils of significant scientific interest discovered during the operations.

Water

The Operator is responsible for compliance with provisions of the Clean Water Act, Safe Drinking Water Act, and applicable State laws and regulations regarding protection of state water resources. Operators should contact Nevada Division of Water Resources and Nevada Division of Environmental Protection regarding necessary permits and compliance measures for any construction or other activities.

Mining Claims

This parcel may contain existing mining claims and/or mill sites located under the 1872 Mining Law. To the extent it does, the oil and gas lessee must conduct its operations, so far as reasonably practicable, to avoid damage to any known deposit of any mineral for which any mining claim on this parcel is located, and should not endanger or unreasonably or materially interfere with the mining claimant's operations, including any existing surface or underground improvements, workings, or facilities which may have been made for the purpose of mining operations. The provisions of the Multiple Mineral Development Act (30 U.S.C. 521 et seq.) shall apply on the leased lands.

Fire

The following precautionary measures should be taken to prevent wildland fires. In the event your operations should start a fire, you could be held liable for all suppression costs.

- All vehicles should carry fire extinguishers and a minimum of 10 gallons of water.
- Adequate fire-fighting equipment i.e. shovel, pulaski, extinguisher(s) and a minimum 10 gallons of water should be kept at the drill site(s).
- Vehicle catalytic converters should be inspected often and cleaned of all brush and grass debris.
- When conducting welding operations, they should be conducted in an area free from or mostly free from vegetation. A minimum of 10 gallons water and a shovel should be on hand to extinguish any fires created from the sparks. Extra personnel should be at the welding site to watch for fires created by welding sparks.
- Report wildland fires immediately to the BLM **Central Nevada Interagency Dispatch Center (CNIDC) at (775) 623-3444**. Helpful information to reported is location (latitude and longitude if possible), what's burning, time started, who/what is near the fire and direction of fire spread.
- When conducting operations during the months of May through September, the operator must contact the **BLM Winnemucca District Office, Division of Fire and Aviation at (775) 623-1500** to find out about any fire restrictions in place for the area of operation and to advise this office of approximate beginning and ending dates for your activities.

Pronghorn Antelope Seasonal Habitat

(#NV-W-01-A-TL)

Stipulation: Timing Limitation (TL) -No surface activity within Pronghorn Antelope crucial winter habitat from November 15 through April 30.

Objective [Purpose]: To protect Pronghorn Antelope crucial winter habitat necessary to maintaining the critical life stages of Pronghorn wildlife populations.

Exception: The Authorized Officer may grant an exception if an environmental review determines that the action, as proposed or otherwise restricted, does not adversely affect the Pronghorn Antelope and its habitat. An exception may also be granted if the proponent, BLM, and other affected interests negotiate mitigation that would satisfactorily offset the anticipated impacts to Pronghorn Antelope and its habitat. An exception may be granted for actions designed to enhance the long-term utility or availability of the habitat.

Modification: The boundaries of the stipulated area may be modified if the authorized officer, in consultation with Nevada Department of Wildlife, determines that portions of the area no longer contain the crucial winter pronghorn habitat or that the proposed action would not affect the species and habitat. The dates for the timing restriction may also be modified by the Authorized Officer if new information indicates the dates are not valid for the leasehold.

Waiver: The restriction may be waived by the Authorized Officer if it is determined that the described lands do not contain suitable pronghorn habitat, or are otherwise incapable of serving the requirements of for the species and therefore no longer warrant consideration as a component necessary for their protection.

| Parcel # | Legal Land Description (21 MDM) |
|------------------------|--|
| NV-2022-08-1924 | All Lands within parcel |

Mule Deer Seasonal Habitat
(#NV-W-02-A-TL)

Stipulation: Timing Limitation (TL) -No surface activity within crucial winter habitat from November 15 through April 30.

Objective [Purpose]: To protect mule deer crucial winter, habitat necessary to maintaining the critical life stages of Mule Deer wildlife populations.

Exception: The Authorized Officer may grant an exception if an environmental review determines that the action, as proposed or otherwise restricted, does not adversely affect the Mule Deer and its habitat. An exception may also be granted if the proponent, BLM, and other affected interests negotiate mitigation that would satisfactorily offset the anticipated impacts the Mule Deer and its habitat. An exception may be granted for actions designed to enhance the long-term utility or availability of the habitat.

Modification: The boundaries of the stipulated area may be modified if the authorized officer, in consultation with Nevada Department of Wildlife, determines that portions of the area no longer contain the crucial wintermule deer habitat or that the proposed action would not affect the species and habitat. The dates for the timing restriction may also be modified by the Authorized Officer if new information indicates the dates are not valid for the leasehold.

Waiver: The restriction may be waived by the Authorized Officer if it is determined that the described lands do not contain suitable Mule Deer habitat, or are otherwise incapable of serving the requirements of for the species and therefore no longer warrant consideration as a component necessary for their protection.

| Parcel # | Legal Land Description (21 MDM) |
|-----------------|--|
| NV-2022-08-1846 | T. 28N, R. 40E, Section 02; L4, SWNW, W2SW4 T. 28N, R. 40E, Section 11; W2NW4, W2SW4 |
| NV-2022-08-1847 | T. 29N, R. 40E, Section 22; N2NW4, SENW, NE4, NESW, S2SW4, SE4 T. 29N, R. 40E, Section 23; W2NW4, W2SW4 |
| NV-2022-08-1849 | T. 29N, R. 40E, Section 10; NE4, NENW, SENW,NWSW, NESW T. 29N, R. 40E, Section 15; NW4, SE4, NE4, NWSW, NESW, T. 29N, R. 40E, Section 14; W2NW4, W2SW4 |
| NV-2022-08-1850 | T. 29N, R. 40E, Section 2; L4, L3, S2NW4, N2SW4, SWSW T. 30N, R. 40E, Section 11; W2NW4, NWSW T. 30N, R. 40E, Section 35; NW4, SW4; |
| NV-2022-08-1853 | T. 30N, R. 40E, Section 12; S2NW4, NW4 T. 30N, R. 40E, Section 13; W2NW4, NWSW |
| NV-2022-08-1857 | T. 29N, R. 37E, Section 06 T. 29N, R. 37E, Section 07 |

| | |
|-----------------|---|
| NV-2022-08-6974 | T. 29N, R. 40E, Section 26; N2NW4, SWNW, W2SW4; T. 29N, R. 40E, Section 27; NW4, NE4, SW4, SE4 T. 29N, R. 40E, Section 34; NW4, NE4, SW4, N2SE4; |
| NV-2022-08-1859 | T. 34N, R. 40E, Section 32; N2NW4, SENW, NE4, SW4, SE4 T. 33N, R. 40E, Section 06; L1-L7, SENW, S2NE4, SE4, E2SW4; T. 33N, R. 40E, Section 04; L1-L4, S2NW4, S2NE4; T. 33N, R. 40E, Section 07; E2SE4 T. 33N, R. 40E, Section 08; N2NW4, NE4, SENW, SW4 T. 33N, R. 40E, Section 18; NE4 T. 33N, R. 40E, Section 17; W2NW4, T. 33N, R. 40E, Section 16; N2NW4, NE4, SENW, N2SW4 |
| NV-2022-08-1924 | T. 45N, R. 27E, Section 3,4,10, & 11 (Unsurveyed) |

**Resource: Raptor Nest Sites
(NV-W-06-B-TL)**

Stipulation: Timing Limitation. Bald or Golden eagles or other raptors or their habitat may be present in the lease area or within the vicinity of the lease area. These species will be managed in accordance with FLPMA, the Bald and Golden Eagle Protection Act (BGEPA) and the Migratory Bird Treaty Action (MBTA). The following timing restrictions apply.

| Species | Location | Distance of Spatial Buffer Zone/Type of Restriction | Restriction Dates |
|------------------|----------------------|--|---------------------|
| Bald eagle | Nests | 1/4 mile non-los and 1/2 mile los and 1 mile blasting | Jan 1 - Aug 31 |
| | Winter roosts | 1/2 mile | Dec. 1 - April 1 |
| Northern goshawk | Nests (occupied) | 1/4 mile | Feb 1 - Aug 31 |
| | Previous Years Nests | 1/2 mile los | Feb 1 - Aug 31 |
| Golden eagle | Nests | 1/4 mile non-los, 1/2 mile los | Feb 1 - Aug 31 |
| Ferruginous hawk | Nests | 1/4 mile non-los, 1/2 mile los | Mar. 1 - August 31 |
| Red-tailed hawk | Nests | 1/4 mile | Mar 1 - August 31 |
| Swainson's hawk | Nests | 1/4 mile non-los, 1/2 mile lose | Mar. 1 - August 31 |
| Prairie falcon | Nests | 1/4 mile | Mar. 1 - August 31 |
| Burrowing owl | Nests | 1/4 mile- Permanent disturbance or occupancy, 260 feet temporary disturbance | Mar. 1 - August 31 |
| Flammulated owl | Nests | 1/4 mile | April 1 0 Sept. 30. |

Objective [Purpose]: To protect raptor nesting activities necessary to maintaining the critical life stages of existing raptor populations.

Exception: The Authorized Officer may grant an exception if an environmental review determines that the action, as proposed or otherwise restricted, does not adversely affect raptor nest sites being protected by the restriction. An exception may also be granted if the proponent, BLM, and other affected interests, in consultation with Nevada Department of Wildlife, negotiate mitigation that would satisfactorily offset the anticipated impacts. An exception may be granted for actions designed to enhance the long-term utility or availability of the habitat.

Modification: The boundaries of the stipulated area may be modified if the authorized officer, in consultation with Nevada Department of Wildlife, determines that portions of the area can be occupied without adversely affecting raptor nesting activity. The dates for the timing restriction may be modified if new information indicates the dates are not valid for the leasehold.

Waiver: The stipulation may be waived if the authorized officer, in consultation with Nevada Department of Wildlife determines that the entire leasehold no longer contains raptor nest sites.

| Parcel # | Legal Land Description (21 MDM) |
|-----------------|--|
| NV-2022-08-1837 | All lands in all parcels |
| NV-2022-08-1846 | All lands in all parcels |
| NV-2022-08-1847 | All lands in all parcels |
| NV-2022-08-1849 | All lands in all parcels |
| NV-2022-08-1850 | All lands in all parcels |
| NV-2022-08-1851 | All lands in all parcels |
| NV-2022-08-1852 | All lands in all parcels |
| NV-2022-08-1853 | All lands in all parcels |
| NV-2022-08-1854 | All lands in all parcels |
| NV-2022-08-1855 | All lands in all parcels |
| NV-2022-08-1856 | All lands in all parcels |
| NV-2022-08-1857 | All lands in all parcels |
| NV-2022-08-1858 | All lands in all parcels |
| NV-2022-08-1859 | All lands in all parcels |
| NV-2022-08-1863 | All lands in all parcels |
| NV-2022-08-1866 | All lands in all parcels |
| NV-2022-08-1867 | All lands in all parcels |
| NV-2022-08-1869 | All lands in all parcels |
| NV-2022-08-1885 | All lands in all parcels |
| NV-2022-08-1898 | All lands in all parcels |
| NV-2022-08-1924 | All lands in all parcels |
| NV-2022-08-6971 | All lands in all parcels |
| NV-2022-08-6974 | All lands in all parcels |

Lease Notice - Wild Horse and Burro
(#NV-W-05-A-LN)

Wild horse or burro herds are known to use some or all of the proposed lease area. If proposed fluid mineral activities are to occur in a herd management area (HMA) or a Herd Area (HA) the BLM Authorized Officer may identify mitigation measures necessary for reducing adverse impacts to wild horses and/or burros. These measures would be designed in a manner that does not hinder the wild and free-roaming behavior of the horses and burros and may include, but are not limited to, providing alternative water sources for horses of equal quality and quantity as well as fencing to prevent access to project area. Additional specific measures to protect horses and burros may be developed during review of proposals.

| Parcel # | Legal Land Description (21 MDM) |
|-----------------|--|
| NV-2022-08-1846 | T28N, R40E Sec 1 L1-L7, NW2, SWNE, SW4, W2SE4 Sec 2 (All) Sec 11 W2, N2NENE, NWNE, W2SWNE W2NWSE, SWSE Sec 12 N2NWNW, N2 NENW |
| NV-2022-08-1847 | T29N, R40E Sec 22, 23 (All lands within parcel) Sec 24 W2, W2NE, W2SENE, W2SE, W2SESE Sec 25 W2, SE4, W2NE, W2NENE, W2SENE, |
| NV-2022-08-1849 | T29N, R40E Sec 10, 15, 14 (All lands within parcel) Sec 13 W2, W2NE, W2SE |
| NV-2022-08-1850 | T29N, R40E Sec 35 (All lands within parcel) T29N, R40E Sec 2 and 11 (All lands within parcel) Sec 12 W2 |
| NV-2022-08-1851 | T30N, R40E Sec 36 W2, W2NE, NENE, SENE, W2SE T29N, R40E Sec 1 W2, L2 |
| NV-2022-08-1852 | T30N, R40E Sec 24, 25 (All lands within parcel) T30N, R41E Sec 19 (All lands within parcel) Sec 30 NW2, NWSW, W2NE |

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|-----------------|---|
| NV-2022-08-1853 | All lands within parcel |
| NV-2022-08-1854 | T30N, R41E Sec 15 NWNW Parcel is proximal to HMA |
| NV-2022-08-1855 | T30N, R41E Sec 17 (All lands within parcel) Sec 9 W2, NWNE, SWSE, NWSE,SWSE,SESE |
| NV-2022-08-1856 | T30N, R41E Sec 3, 4, 5 (All lands within parcel) Sec 10 NWNW, NWNE |
| NV-2022-08-1866 | T33N, R25E Sec 14 (All lands within parcel) Sec 15 NE4 Sec 10 E2SW, SE4, SWNE, E2NE4 |
| NV-2022-08-1867 | All lands within parcel |
| NV-2022-08-1924 | T24N, R27E Sec 4 S2NW4, SW4, W2SE4 Sec 10 S2, S2N2 Sec 11 (All lands within parcel) |
| NV-2022-08-6974 | All lands within parcel |

Trails
(#NV-W-07-D-NSO)

Stipulation: No Surface Occupancy (NSO) will be applied directly on National Scenic and Historic Trails and Trails under Study or Recommended as Suitable for Congressional Designation and within National Trail Management Corridors. NSO may be applied to additional bordering lands; the extent will be dependent upon the topography and integrity of the setting surrounding individual trail segments along the designated NHT and National Historic Trail Corridor. Prior to the establishment of a National Trail Management Corridor, at a minimum, NSO will be applied 1-mile on either side of the center line of the trail (for a total of a two-mile wide corridor). The center line will be established either through the GIS-based line provided by the Trail Administering Agency (NPS or BLM) or through GPS-based inventories uploaded on the Nevada Cultural Resource Inventory System (NVCRIS).

Objective [Purpose]: To protect the National Scenic and Historic Trails and Trails under Study or Recommended as Suitable for Congressional Designation, and National Trail Management Corridor resources, qualities, values, and associated settings.

Exception: The Authorized Officer may grant an exception if, through the National Historic Preservation Act (NHPA) and Management of National Scenic and Historic Trails and Trails Under Study or Recommended as Suitable for Congressional Designation Manual 6280 requirements, it is determined that the action, as proposed or otherwise restricted, does not adversely affect the resource. An exception may be granted for actions designed to enhance the long-term utility or availability of the trail.

Modification: The Authorized Officer may modify the size and shape of the restricted area if the NHPA and Management of National Scenic and Historic Trails and Trails under Study or Recommended as Suitable for Congressional Designation Manual 6280 requirements indicate the proposed action does not adversely impact the resource.

Waiver: The restriction may be waived if the NHPA and Management of National Scenic and Historic Trails and Trails under Study or Recommended as Suitable for Congressional Designation Manual 6280 requirements determine that the described lands are not contributing elements to the resource. This determination can only come after consultation with the National Park Service, Nevada State Historic Preservation Office and other interested publics.

| Parcel # | Legal Land Description (21 MDM) |
|-----------------|--|
| NV-2022-08-1863 | T35N R43E Sec 08 (All Lands in Parcel) Approximately 520 acres in Sec16 W2, W2SE, SESE, W2NE, SENE Approximately 100 acres in Sec 26 SWNW, SW4 |
| NV-2022-08-1866 | T33N R25E Approximately 70 acres in Sec 02 SENE, N2SE, NESW |

Trails
(#NV-W-07-D-CSU)

Stipulation: Controlled Surface Use (CSU) will be applied within the viewshed of National Scenic and Historic Trails and Trails under Study or Recommended as Suitable for Congressional Designation and within National Trail Management Corridors. New development within 6 miles of the trail will be managed to Visual Resource Management Class II objectives.

Objective [Purpose]: To protect the setting of National Scenic and Historic Trails and Trails under Study or Recommended as Suitable for Congressional Designation, and National Trail Management Corridor resources.

Exception: The Authorized Officer may grant an exception if, through the National Historic Preservation Act (NHPA) and Management of National Scenic and Historic Trails and Trails Under Study or Recommended as Suitable for Congressional Designation Manual 6280 requirements, it is determined that the action, as proposed or otherwise restricted, does not adversely affect the resource. An exception may be granted for actions designed to enhance the long-term utility or availability of the trail.

Modification: The Authorized Officer may modify the size and shape of the restricted area if the NHPA and Management of National Scenic and Historic Trails and Trails under Study or Recommended as Suitable for Congressional Designation Manual 6280 requirements indicate the proposed action does not adversely impact the resource, for example topography blocks view of the proposed development from the trail.

Waiver: The restriction may be waived if the NHPA and Management of National Scenic and Historic Trails and Trails under Study or Recommended as Suitable for Congressional Designation Manual 6280 requirements determine that the described lands are not contributing elements to the resource. This determination can only come after consultation with the National Park Service, Nevada State Historic Preservation Office and other interested publics.

| Parcel # | Legal Land Description (21 MDM) |
|-----------------|--|
| NV-2022-08-1863 | T35N R43E (All Lands In Parcel) |
| NV-2022-08-1866 | T33N R25E (All Lands In Parcel) |
| NV-2022-0801867 | T33N R25E Sec 23,24,25,26,35 (All Lands in Parcel) Sec36 N2, N2SW |

Lease Notice - Fossils (PFYC-4)

(#NV-W-08-C-LN)

This area has high and very high potential for paleontological resources. This land is underlain by geologic units that have been documented to contain a high occurrence of fossils, which may consist of scientifically significant paleontological resources protected by Public Law 111-11, Paleontological Resources Preservation Act. A field survey by a qualified paleontologist, and at the lessee's expense, will be required prior to surface disturbing activities. If significant paleontological resources of scientific or educational importance are discovered they will require avoidance or data recovery prior to their disturbance. On site monitoring may be necessary during construction activities.

Parcel #

Legal Land Description (21 MDM)

NV-2022-08-1857

All lands within parcel

Fossils (PFYC-5)
(#NV-W-08-D-NSO)

Stipulation: No surface occupancy (NSO) within the limits of identified paleontological resource occurrences classified by WO-IM-2008-009 (Potential Fossil Yield Classification [PFYC] System for Paleontological Resources on Public Lands) as PFYC 5 (being of scientific or educational interest). This area has very high potential for paleontological resources or is known to contain paleontological resources of scientific or educational importance, and protected by Public Law 111-11, Paleontological Resources Preservation Act. Any quarter-quarter-quarter section (10-acre parcel) within or intersected by the limits of the site are subject to NSO.

Objective [Purpose]: Protection of Potential Fossil Yield Classification (PFYC) 5: Very High Potential

Exception: The Authorized Officer may grant an exception if an environmental review determines that the action, as proposed or otherwise restricted, does not affect the resource. An exception may also be granted if the proponent, BLM, and other affected interests (e.g. NDOW) negotiate mitigation that would satisfactorily offset the anticipated negative impacts. An exception may be granted for actions designed to enhance the long-term utility or availability of the fossil resource.

Modification: The Authorized Officer may modify the size and shape of the restricted area if an environmental analysis indicates the actual suitability of the land for the paleontological resource in question differs from that in the otherwise applicable restriction. Modifications may be made to allow for an increasing level of environmental protection when changing circumstances warrant stronger measures.

Waiver: The restriction may be waived if it is determined that the described lands do not contain the subject resource, or are incapable of serving the requirements of the resource and therefore no longer warrant consideration as a component necessary for protection of the resource.

| Parcel # | Legal Land Description (21 MDM) |
|-----------------|---|
| NV-2022-08-1924 | Approximately 5 acres in T45N, R27E, Section 4 (unsurveyed) |

Riparian Habitat
(#NV-W-10-A-NSO)

Stipulation: No Surface Occupancy (NSO) on and within riparian-wetland vegetated areas to protect the values and functions of these areas.

Objective [Purpose]: To protect the values and functions of riparian and wetland areas based on the nature, extent, and value of the area potentially affected.

Exception: The Authorized Officer may grant an exception if an environmental review determines that the action, as proposed or otherwise restricted, does not affect the resource. An exception may also be granted if the proponent, BLM, and other affected interests (e.g. NDOW) negotiate mitigation that would satisfactorily offset the anticipated negative impacts. An exception may be granted for actions designed to enhance the long-term utility or availability of the riparian habitat.

Modification: The Authorized Officer may modify the size and shape of the restricted area if an environmental analysis indicates the actual suitability of the land for the resource differs from that in the otherwise applicable restriction.

Waiver: The restriction may be waived if it is determined that the described lands do not contain the subject resource, or are incapable of serving the requirements of the resource and therefore no longer warrant consideration as a component necessary for protection of the resource.

| Parcel # | Legal Land Description (21 MDM) |
|-----------------|--|
| NV-2022-08-1851 | T29N R41E, Sec. 6 SESE; T29N R40E, Sec 6 SE; T30N R41E, Sec 32 NE |
| NV-2022-08-1849 | T29N R40E, Sec 10 SWSW |
| NV-2022-08-1852 | T30N R40E, Sec 30 S2 |
| NV-2022-08-1854 | T30N, R41E Sec 27 NENW; Sec 28 SWSW; Sec 29N2SE; |
| NV-2022-08-1855 | T30N, R41E, Sec 20 SESE (467329E, 4478039N UTM) |
| NV-2022-08-1856 | T30N R41E Section 1 S2SW; |
| NV-2022-08-1859 | T34N, R40E Sec 32SWSE (458203E, 4513764N UTM), Sec 32SWSE (458152E, 4513745N UTM), Sec 32SWSE (458044E, 4513656N UTM), Sec 32SWSE (457809E, 4513649N UTM), and Sec 32SWSE (457523E, 4513624N UTM) T33N, R40E Section 4 Lot 4 (458800E, 4513211N, UTM), Section 4 Lot 4 (458730E, 4513211N, UTM), and Section 4 Lot 4 (458698E, 4513192N UTM (hot spring)), Section 6 Lot 3 (456024E, 4513255N UTM), Section 6 SENW (456074E, 4512969N UTM), Section 6SESW (456043E, 4512201N UTM), and Section 8 NWSW (457155E, 4510994N UTM) |
| NV-2022-08-1863 | T35N, R43E Sec 8 & 16 |

Riparian Habitat Buffer
(#NV-W-10-B-CSU)

Stipulation: Controlled Surface Use (CSU) will be applied within 500 feet of riparian-wetland vegetation to protect the values and functions of these areas. An engineering plan or a study may be required by the operator that identifies the extent of the resource or how the resource will be managed or protected.

Objective [Purpose]: To protect the values and functions of riparian and wetland areas based on the nature, extent, and value of the area potentially affected.

Exception: The Authorized Officer may grant an exception if an environmental review determines that the action, as proposed or otherwise restricted, does not affect the resource. An exception may also be granted if the proponent, BLM, and other affected interests (e.g. NDOW) negotiate mitigation that would satisfactorily offset the anticipated negative impacts. An exception may be granted for actions designed to enhance the long-term utility or availability of the riparian habitat.

Modification: The Authorized Officer may modify the size and shape of the restricted area if an environmental analysis indicates the actual suitability of the land for the resource differs from that in the otherwise applicable restriction.

Waiver: The restriction may be waived if it is determined that the described lands do not contain the subject resource, or are incapable of serving the requirements of the resource and therefore no longer warrant consideration as a component necessary for protection of the resource.

| Parcel # | Legal Land Description (21 MDM) |
|-----------------|--|
| NV-2022-08-1849 | Wetlands areas present proximal to parcel on private ranch land in T29N, R40E Sec 10 S2SE and Sec 9 SESE. Must observe buffer stipulations within parcel |
| NV-2022-08-1851 | Immediately south of the parcel boundary in T29N R41E, Sec 7 and west in Sec 5. Must observe buffer stipulations within parcel |
| NV-2022-08-1855 | T30N, R41E, Sec 20 SESE (467329E, 4478039N UTM) |
| NV-2022-08-1856 | T30E, R41E, Sec 11NENE |
| NV-2022-08-1859 | T34N, R40E Sec 32SWSE (458203E, 4513764N UTM), Sec 32SWSE (458152E, 4513745N UTM), Sec 32SWSE (458044E, 4513656N UTM), Sec 32SWSE (457809E, 4513649N UTM), and Sec 32SWSE (457523E, 4513624N UTM) T33N, R40E Section 4 Lot 4 (458800E, 4513211N, UTM), Section 4 Lot 4 (458730E, 4513211N, UTM), and Section 4 Lot 4 (458698E, 4513192N UTM (hot spring)), Section 6 Lot 3 (456024E, 4513255N UTM), Section 6 SENW (456074E, 4512969N UTM), Section 6SESW (456043E, 4512201N UTM), and |

Section 8 NWSW (457155E, 4510994N UTM)

Perennial streams flows off-site from T34N, R40E Section 31 lots 3, 4 and SESW onto the lease parcel in T33N, R40E, Section 6 Lot3 and SENW. A second perennial stretch is found in T33N, R40E, Section 6 SESW which extends off-site into Sect 7NENW, NWNE and SWNE.

NV-2022-08-1863

T35N, R43E Sec 8 & 16 (Humboldt River)

Hot Pot Springs (11 springs) located on private land offsite within 0.5 miles of proposed lease in T35N, R43E, Sections 10NESE and 11NWSW. Historically a perennial flow was present from these springs but ceased due to the creation of a hydrologic groundwater sink by the Lone Tree Mine during operations. As groundwater recovers, flow to these springs may return.

NV-2022-08-1866

Springs w/in 0.5 miles: T33N, R25E, Sec 9 SENE (315912E, 4512628N). Wells Sec 10NWNE (317106E, 4212761N), Sec 10NENW (316865E, 4512945N), Sec 10NWNE(316897E, 4512818N), Sec 10NENW (316712E, 451837N), Sec 10NWNW (316516E, 4512634N), Sec 10NWNW (316446E, 4512685N) . Drilling should not disrupt flows in the adjacent springs and hot, flowing wells (6?) on private land.

Playas
(#NV-W-10-D-NSO)

Stipulation: No Surface Occupancy (NSO) on playas. Playas are defined as the ephemeral round depressions within areas of dry lake beds in which water collects after a rain event and evaporates relatively quickly.

Objective [Purpose]: Protection of playas.

Exception: The Authorized Officer may grant an exception if an environmental review determines that the action, as proposed or otherwise restricted, does not affect the resource. An exception may also be granted if the proponent, BLM, and other affected interests (e.g. NDOW) negotiate mitigation that would satisfactorily offset the anticipated negative impacts. An exception may be granted for actions designed to enhance the long-term utility or availability of the playa resource.

Modification: The Authorized Officer may modify the size and shape of the restricted area if an environmental analysis indicates the actual suitability of the land for the resource differs from that in the otherwise applicable restriction.

Waiver: The restriction may be waived if it is determined that the described lands do not contain the subject resource, or are incapable of serving the requirements of the resource and therefore no longer warrant consideration as a component necessary for protection of the resource.

| Parcel # | Legal Land Description (21 MDM) |
|-----------------|--|
| NV-2022-08-1854 | T30N,R41E, Sec 27SESE |
| NV-2022-08-1863 | T35N, R43E, Sec 10 NE, E2NW, and SE |

Soil Slopes > 15 and < 50 percent
(#NV-W-11-A-CSU)

Stipulation: Controlled Surface Use (CSU) applies to lands with slopes greater than 15 percent and less than 50 percent. An engineering/reclamation plan must be submitted by the applicant and approved by the BLM Authorized Officer before any surface disturbance can occur.

The plan must demonstrate to the Authorized Officer's satisfaction how the operator will meet the following performance standards:

- Soil stability is maintained preventing slope failure and wind or water erosion.
- The site will be stable with no evidence of accelerated erosion features.
- The rate of soil erosion will be controlled to maintain or improve soil quality and sustainability. The disturbed soils shall have characteristics that approximate the reference site with regard to quantitative and qualitative soil erosion indicators described in H-7100-1 Soil Inventory, Monitoring, and Management Handbook.
- Sufficient topsoil is maintained for ensuring successful final reclamation. How interim reclamation will be completed for producing well locations and long-term roads, including the re-spreading of all salvaged topsoil over the areas of interim reclamation.
- The original landform and site productivity will be partially restored during interim reclamation and fully restored as a result of final reclamation.

Objective [Purpose]: To maintain soil productivity, provide necessary protection to prevent excessive soil erosion on steep slopes, to avoid areas subject to slope failure, mass wasting, piping, or having excessive reclamation problems, and to ensure successful interim and final reclamation.

Exception: An exception may be granted if the operator can demonstrate in a plan of operations that adverse effects can be minimized and activities safely conducted.

Modification: The area affected by this stipulation may be modified by the authorized officer if it is determined that portions of the area do not include slopes over 15 percent, or the operator can demonstrate in a plan of operations that adverse effects can be minimized. The authorized officer may modify the size and shape of the restricted area subject to the stipulation based upon a Natural Resource Conservation Service (NRCS) soil survey or BLM evaluation. The stipulation and performance standards identified above may also be modified based on negative or positive monitoring results from similar proposed actions on similar sites or increased national or state performance standards.

Waiver: This stipulation can be waived by the authorized officer if it is determined that none of the leasehold includes slopes over 15 percent.

| <u>Parcel #</u> | <u>Legal Land Description (21 MDM)</u> |
|-----------------|--|
| NV-2022-08-1837 | T. 24 N., R. 27 E., Sec. 06 Lot 6, SENE, NESE. |
| NV-2022-08-1846 | T. 28 N., R. 40 E., Sec. 2 SWSW; Sec. 11 NW1/4, NWSE, SWSE, SW1/4 |
| NV-2022-08-1847 | T. 29 N., R. 40 E., Sec. 22 SWSW |

| | |
|--|---|
| NV-2022-08-1849 | T. 29 N., R. 40 E., Sec. 10 NW1/4, NE1/4, SESE, NWSW, NESW, SWSW; Sec. 15 NW1/4, SW1/4 |
| NV-2022-08-1850 | T. 30 N., R. 40 E., Sec. 35 NWNW, NENW, NESW, SWNW, SESW T. 29 N., R. 40 E., Sec. 2 Lot 4, NWSW, SWSW |
| NV-2022-08-1852 | T. 30 N., R. 40 E., Sec. 24 NWNW, NENW, SWNW; Sec. 25 NWNW |
| NV-2022-08-1853 | T. 30 N., R. 40 E., Sec. 12 SWNE, SENW, SWSE, SW1/4; Sec. 13 NW1/4, SWNE, NWSE, SW1/4 |
| NV-2022-08-1857 | T. 29 N., R. 36 E., Sec. 6 All. Sec 7 |
| NV-2022-08-1858 | T. 29 N., R. 36 E., Sec. 12 NENE. |
| NV-2022-08-1859 | T. 34 N., R. 40 E., Sec. 32 All T. 33 N., R. 40 E., Sec. 04 L4 Sec. 06 All Sec. 07 NESE, SESE Sec. 8 NW1/4, NWNE, NENE, SWNE, SW1/4 Sec. 17 NWNW, SWNW Sec. 18 NE1/4 |
| NV-2022-08-1866 | T. 33 N., R. 25 E., Sec. 02 NESW, NWSE, NESE, SESW, SWSE, SESE, SENE, SWSW. Sec. 11 All. Sec. 14 NENW, NWNE, NENE, SENE |
| NV-2022-08-1867 | T. 33 N., R. 25 E., Sec. 24 NENW, NWNE, SWNE, SENE, SE1/4 Sec. 25 All Sec. 26 NWNE, NESE, SWSE Sec. 35 SWNW, NENW, SENW, NWNE, SENE, SE1/4, NWSW, NESW, SESW Sec. 36 NW1/4, SW1/4 |
| NV-2022-08-1924 | T. 25 N., R. 26 E., Sec. 02, 03, 04, 10, 11, |
| NV-2022-08-6971 | T35N, R43E, Sec 10 NE, E2NW, and SE |
| NV-2022-08-6974 | T. 29 N., R. 40 E., Sec. 27 NWNW, SWNW, SENW, SW1/4; Sec. 34 NW1/4, NE1/4, NWSE, NESE, SW1/ |
| NVN101024 (non-competitive parcel, not included in sale) | T0310N R0330E, Sec. 001 LOTS 3-4, S2NW,N2SE; Sec. 2 LOTS 17-33; Sec. 14 LOTS 1-4, SW; Sec. 37 LOTS 4 |

Soil Slopes >50 percent
(#NV-W-11-B-NSO)

Stipulation: No Surface Occupancy (NSO) on slopes greater than 50 percent.

Objective [Purpose]: To maintain soil productivity, provide necessary protection to prevent excessive soil erosion on steep slopes, to avoid areas subject to slope failure, mass wasting, piping, or having excessive reclamation problems.

Exception: The Authorized Officer may grant an exception if a staff review determines that the proposed action is of a scale (pipeline, vs. road, vs. well pad) or sited in a location or a site specific evaluation determines that the slope would not result in mass slope failure or accelerated erosion and the operator would be able to meet BLM's reclamation standards.

Modification: The Authorized Officer may modify the area subject to the stipulation based upon a BLM evaluation of the area. The stipulation and performance standards identified above may also be modified based on negative or positive monitoring results from similar proposed actions on similar sites or increased national or state performance standards.

Waiver: The restriction may be waived if it is determined that the described lands do not include lands with slopes greater than 50 percent. This determination shall be based upon USGS mapping and a BLM evaluation of the area.

| Parcel # | Legal Land Description (21 MDM) |
|-----------------|---|
| NV-2022-08-1857 | T. 29 N., R. 36 E., Sec. 6, 7 |
| NV-2022-08-1866 | T. 33 N., R. 25 E., Sec. 02 NESW, NWSE, NESE, SESW, SWSE, SESE. Sec. 11 NWNW, NENW, SENW, NE1/4, SE1/4, NESW, SESW, SWSW. Sec. 14 NWNE, NENE, NENE, SWNE |
| NV-2022-08-1867 | T. 33 N., R. 25 E., Sec. 24 SENE, NWSE, NESE, SESE Sec. 25 NENE, SWNE, SENE, NWSE, NESE, SWSE, SESE Sec. 35 NWSE Sec. 36 NENW |
| NV-2022-08-1924 | T. 25 N., R. 26 E., Sec. 04 and 10 |
| NV-2022-08-1859 | T. 34 N., R. 40 E., Sec. 32 NWNW, SENW, SWNW, SW1/4, NWSE, SESE, SWSE T. 33 N., R. 40 E., Sec. 06 All Sec. 07 NESE, SESE Sec. 08 NWNW, NENW, SENW, SWNW NWSW, SWSW Sec. 17 NWNW Sec. 18 NWNE, NENE, SENE |
| NV-2022-08-1853 | T. 30 N., R. 40 E., Sec. 12 SWNW, NWSW |

| | |
|--|---|
| NV-2022-09-1846 | T. 28 N., R. 40 E., Sec. 11 NWNW, SENW, SWNW, NWSW, NESW, SESW |
| NV-2022-08-1849 | T. 29 N., R. 40 E., MDM Sec. 10 NW1/4, NWNE, SWSW Sec. 15 NWNW |
| NVN101024 (non-competitive parcel, not included in sale) | T0310N R0330E, Sec. 001 LOTS 3-4, S2NW, N2SE; Sec 002 LOTS 17, 23-28, 31-33 Sec 014 LOTS 1-4, SW; |

Soil Severe Erosion
(#NV-W-11-C-CSU)

Stipulation: Controlled Surface Use (CSU) on lands with a severe soil wind or water erosion hazard rating (as designed by NRCS soil survey data when available). Prior to surface disturbance on soils with a severe erosion hazard rating, a site-specific construction, stabilization, and reclamation plan (Plan) must be submitted to the BLM by the applicant as a component of the Geothermal Drilling/Application for Permit to Drill – Plan of Operations. The operator may not initiate surface disturbing activities unless the Authorized Officer has approved the Plan or approved it with conditions.

The plan must demonstrate to the Authorized Officer's satisfaction how the operator will meet the following performance standards:

- Soil stability is maintained preventing slope failure and wind or water erosion.
- The site will be stable with no evidence of accelerated erosion features.
- The rate of soil erosion will be controlled to maintain or improve soil quality and sustainability. The disturbed soils shall have characteristics that approximate the reference site with regard to quantitative and qualitative soil erosion indicators described in H-7100-1 Soil Inventory, Monitoring, and Management Handbook.
- Sufficient topsoil is maintained for ensuring successful final reclamation. Interim reclamation will be completed, by re-spreading the topsoil over the areas being reclaimed.
- The original landform and site productivity will be partially restored during interim reclamation and fully restored as a result of final reclamation.

Objective [Purpose]: To maintain soil productivity, provide necessary protection to prevent excessive soil erosion on steep slopes, to avoid areas subject to slope failure, mass wasting, piping, or having excessive reclamation problems, and ensure successful interim and final reclamation.

Exception: The Authorized Officer may grant an exception if a staff review determines that the proposed action is of a scale (pipeline, vs. road, vs. well pad) or sited in a location, or a soil survey determines that the soil properties do not meet the severe erosion hazard criteria so that the proposed action would not result in a failure to meet the performance standards above.

Modification: The Authorized Officer may modify the size and shape of the restricted area subject to the stipulation based upon a NRCS soil survey or BLM evaluation. The stipulation and performance standards identified above may also be modified based on negative or positive monitoring results from similar proposed actions on similar sites or increased national or state performance standards. The authorized officer may modify the size and shape of the restricted area subject to the stipulation based upon a NRCS soil survey or BLM evaluation. The stipulation and performance standards identified above may also be modified based on negative or positive monitoring results from similar proposed actions on similar sites or increased national or state performance standards.

Waiver: The restriction may be waived if it is determined that the described lands do not include soils with severe erosion hazard. This determination shall be based upon NRCS mapping and BLM evaluation of the area.

Parcel #

Legal Land Description (21 MDM)

NV-2022-08-1866

T. 33 N., R. 25 E., Sec. 2 SWSW, NESW, SENE.

Sec. 10 SWNW, SWNE, SENE, NENE.

Sec. 11 NWNW.

Sec. 14 SW1/4, SE1/4, NENW, SENW, SWNE, SENE, NENE

NV-2022-08-1867

T. 33 N., R. 25 E., Sec. 23 NWNW, NENW, NENE, SWSE, SESE

Sec. 24 NWNW, NENW, NENW, NWNE, SWNE, NWSE, SWSE, SW1/4

Sec. 26 SWNW, SENW, NENW, NE1/4, SE1/4, SW1/4

SEC. 35 NW1/4, NWNE, NWSE

Lease Notice - Saleable Minerals: Community Pits
(#NV-W-12-B-LN)

The lessee accepts this lease subject to the right of individuals, authorized by Bureau of Land Management District Office, to remove sand and gravel from the land embraced in Community Pit No. (see below) The lessee agrees that its operations will not interfere with the use of the pit(s) by these individuals.

| Parcel # | Legal Land Description (21 MDM) | Serial # and Customer |
|------------------------|--|--|
| NV-2022-08-1847 | T29N, R40E, Sec 24 SWNE | NVN087657 - Pershing County NVN089571 - BLM Community Pit |

Lease Notice – Existing Water Well
(#NV-W-15-B-LN)

A water well is located on the lease and will be considered the liability of the purchasing agent for the lease. State Water Rights would be required for the well before use. If not put into use, the well will be required to be Plugged and Abandoned in accordance with state and federal laws and regulations.

Parcel #

Legal Land Description (21 MDM)

Sage-Grouse Habitat
(#NV-W-16-A-NSO)

Stipulation: No Surface Occupancy (NSO). Manage Nevada geothermal resources in Priority Habitat Management Areas (PHMA) outside of Sagebrush Focal Areas (SFA) as NSO, with one exception.

Objective [Purpose]: To protect Greater Sage Grouse (GRSG) in PHMA.

Exception: Geothermal projects within portions of the Nevada PHMA outside of SFA may be considered for authorization, if all of the following conditions are met:

- A team composed of BLM, USFWS, and NDOW specialists advises the BLM State Director on appropriate mitigation measures for the project and its ancillary facilities, including lek buffer distances using the best available science.
- Mitigation actions are consistent with this ARMPA's mitigation strategy, such as the Nevada Conservation Credit System.
- The footprint of the project is consistent with the Disturbance Management Protocols identified in this Plan (see NV/CA GRSG Amendment ROD Action SSS 2 and Appendix I).

Modification: None.

Waiver: None

| Parcel # | Legal Land Description (21 MDM) |
|-----------------|--|
| NV-2022-08-1853 | T 30 N R 40 E Section 12 S2NW4, SW4, W2SE4 |
| NV-2022-08-1859 | T 34 N R 40 E Sec 32, NW4, NE4, SW4, NWSE, NESE T 33 N R 40 E Sec 6 L1-L5 |

Sage-Grouse Habitat
(#NV-W-16-B-TL)

Stipulation: Timing Limitation. In General Management Habitat Areas (GHMA) No Surface Activity would be allowed within 4.0 miles of active or pending Greater Sage-Grouse (GRSG) leks from March 1 through May 15.

Objective [Purpose]: To protect GRSG lekking habitat.

Exception: The Authorized Officer may grant an exception where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the action, as proposed or otherwise restricted, does not adversely affect GRSG or its habitat. An exception may also be granted if the proponent, the BLM, and the appropriate state agency negotiate mitigation that would provide a clear net conservation gain to GRSG and its habitat.

Modification: The Authorized Officer may modify the size and shape of the restricted area or the period of limitation where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the action, as proposed or otherwise restricted, does not adversely affect GRSG or its habitat.

Waiver: The Authorized Officer may wave the stipulation where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the described lands do not contain GRSG or suitable habitat or are otherwise incapable of serving the requirements of GRSG and therefore no longer warrant consideration as a component necessary for their protection.

| Parcel # | Legal Land Description (21 MDM) |
|-----------------|--|
| NV-2022-08-1859 | T 33 N R 40 E Section 4 NW2 Section 8 E2NE, E2SW4, SE4 Section 16 E2NW4, W2NE4, NESW |
| NV-2022-08-1853 | T 30 N R 40 E Section 13 SWSW |
| NV-2022-08-1852 | T 30 N R 40 E Section 24 W2W2 |
| NV-2022-08-1849 | T 29 N R 40 E Section 10 E2NE4, NESE Section 14 NENW, W2NW4 Section 15 ALL LANDS |
| NV-2022-08-1847 | T 29 N R 40 E Section 22, W2, W2E2 |
| NV-2022-08-6974 | T 29 N R 40 E Section 27 W2, W2E2 Section 34 W2, W2E2 |

Sage-Grouse Habitat
(#NV-W-16-C-TL)

Stipulation: Timing Limitation. No Surface Occupancy (NSO) would be allowed in Greater Sage-Grouse (GRSG) General Management Habitat Areas (GHMA) winter habitat from November 1 through February 28.

Objective [Purpose]: To protect GRSG winter habitat.

Exception: The Authorized Officer may grant an exception where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the action, as proposed or otherwise restricted, does not adversely affect GRSG or its habitat. An exception may also be granted if the proponent, the BLM, and the appropriate state agency negotiate mitigation that would provide a clear net conservation gain to GRSG and its habitat.

Modification: The Authorized Officer may modify the size and shape of the restricted area or the period of limitation where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the action, as proposed or otherwise restricted, does not adversely affect GRSG or its habitat.

Waiver: The Authorized Officer may wave the stipulation where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the described lands do not contain GRSG or suitable habitat or are otherwise incapable of serving the requirements of GRSG and therefore no longer warrant consideration as a component necessary for their protection.

| Parcel # | Legal Land Description (21 MDM) |
|------------------|---|
| NV-2022-08-1853 | T 30 N R 40 E Section 13 SWSW |
| NV-2022-08-1852 | T 30 N R 40 E Section 24 W2W2 |
| NV-2022-08-1851 | T 30 N R 40 E Section 36 E2NE4, SWNE, NWSE T 29 N R 40 E Section 1 L2, L3, W2SE4, SESW, SENW |
| NV-2022-08-1850 | T 30 N R 40 E Section 35 W2NW4, NWSW T 29 N R 40 E Section 11 NW4, SW4, E2SE4, SWNE Section 12 E2NW4, E2SW4 |
| NV-2022-08-1849 | T 29 N R 40 E Section 10 E2NE4, NESE, SWSW Section 14 W2NW4, NENW, NWSW Section 15 ALL LANDS |
| NV- 2022-08-1847 | T 29 N R 40 E Section 22 NWNW, SWSW, E2NW, E2SW, W2NE4, W2SE4 |
| NV- 2022-08-6974 | T 29 N R 40 E Section 27 W2, W2E2 Section 34 W2, W2NE4, NWSE |
| NV-2022-08-1859 | T 33 N R 40 E Section 4 NW2 Section 8 E2NE, E2SW4, SE4 Section 16 E2NW4, W2NE4, NESW |

Sage-Grouse Habitat
(#NV-W-16-D-TL)

Stipulation: Timing Limitation. No Surface Occupancy (NSO) would be allowed in Greater Sage-Grouse (GRSG) early brood-rearing habitat from May 15 through June 15.

Objective [Purpose]: To provide seasonal protection to GRSG early brood-rearing habitat in General Management Habitat Areas (GHMA).

Exception: The Authorized Officer may grant an exception where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the action, as proposed or otherwise restricted, does not adversely affect GRSG or its habitat. An exception may also be granted if the proponent, the BLM, and the appropriate state agency negotiate mitigation that would provide a clear net conservation gain to GRSG and its habitat.

Modification: The Authorized Officer may modify the size and shape of the restricted area or the period of limitation where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the action, as proposed or otherwise restricted, does not adversely affect GRSG or its habitat.

Waiver: The Authorized Officer may wave the stipulation where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the described lands do not contain GRSG or suitable habitat or are otherwise incapable of serving the requirements of GRSG and therefore no longer warrant consideration as a component necessary for their protection.

| Parcel # | Legal Land Description (21 MDM) | |
|-----------------|---|---------------|
| NV-2022-08-1853 | NV-2022-08-1853 | T 30 N R 40 E |
| NV-2022-08-1852 | T 30 N R 40 E Section 24 W2W2 | |
| NV-2022-08-1851 | T 30 N R 40 E Section 36 E2NE4, SWNE, NWSE T 29 N R 40 E Section 1 L2, L3, W2SE4, SESW, SENW | |
| NV-2022-08-1850 | T 30 N R 40 E Section 35 W2NW4, NWSW T 29 N R 40 E Section 11 NW4, SW4, E2SE4, SWNE Section 12 E2NW4, E2SW4 | |
| NV-2022-08-1849 | T 29 N R 40 E Section 10 E2NE4, NESE, SWSW Section 14 W2NW4, NENW, NWSW Section 15 ALL LANDS | |
| NV-2022-08-1847 | T 29 N R 40 E Section 22 NWNW, SWSW, E2NW, E2SW, W2NE4, W2SE4 | |
| NV-2022-08-6974 | T 29 N R 40 E Section 27 W2, W2E2 Section 34 W2, W2NE4, NWSE | |
| NV-2022-08-1859 | T 33 N R 40 E Section 4 NW2 Section 8 E2NE, E2SW4, SE4 Section 16 E2NW4, W2NE4, NESW | |

Sage-Grouse Habitat
(#NV-W-16-E-TL)

Stipulation: Timing Limitation. No Surface Occupancy (NSO) would be allowed in Greater Sage-Grouse (GRSG) late brood-rearing habitat from June 15 through September 15.

Objective [Purpose]: To provide seasonal protection to GRSG late brood-rearing habitat.

Exception: The Authorized Officer may grant an exception where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the action, as proposed or otherwise restricted, does not adversely affect GRSG or its habitat. An exception may also be granted if the proponent, the BLM, and the appropriate state agency negotiate mitigation that would provide a clear net conservation gain to GRSG and its habitat.

Modification: The Authorized Officer may modify the size and shape of the restricted area or the period of limitation where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the action, as proposed or otherwise restricted, does not adversely affect GRSG or its habitat.

Waiver: The Authorized Officer may waive the stipulation where an environmental review and consultation with the Nevada Department of Wildlife & Sagebrush Ecosystem Technical Team determines that the described lands do not contain GRSG or suitable habitat or are otherwise incapable of serving the requirements of GRSG and therefore no longer warrant consideration as a component necessary for their protection.

| Parcel # | Legal Land Description (21 MDM) |
|------------------|--|
| NV-2022-08-1859 | T 33 N R 40 E Section 4 NW2 Section 8 E2NE, E2SW4, SE4 Section 16 E2NW4, W2NE4, NESW |
| NV- 2022-08-1849 | T 29 N R 40 E Section 10 E2NE4, NESE, SWSW Section 14 W2NW4, NENW, NWSW Section 15 ALL LANDS |
| NV- 2022-08-1847 | T 29 N R 40 E Section 22 NWNW, SWSW, E2NW, E2SW, W2NE4, W2SE4 |
| NV- 2022-08-6974 | T 29 N R 40 E Section 27 W2, W2E2 Section 34 W2, W2NE4, NWSE |

Sage-Grouse Habitat
(#NV-W-16-G-CSU)

Stipulation: Control Surface Use (CSU). In General Management Habitat Areas (GHMA), the BLM will apply lek buffer distances specified as the lower end of the interpreted range in the report unless justifiable departures are determined to be appropriate (see below). The lower end of the interpreted range of the lek buffer distances is as follows:

- Linear features (roads) within 3.1 miles of leks
- Infrastructure related to energy development within 3.1 miles of leks
- Tall structures (e.g., communication or transmission towers and transmission lines) within 2 miles of leks
- Low structures (e.g., fences and rangeland structures) within 1.2 miles of leks
- Surface disturbance (continuing human activities that alter or remove the natural vegetation) within 3.1 miles of leks
- Noise and related disruptive activities, including those that do not result in habitat loss (e.g., motorized recreational events) at least 0.25 miles from leks.

Objective [Purpose]: To protect GRSG leks.

Exception: Justifiable departures to decrease or increase from these distances, based on local data, best available science, landscape features, and other existing protections (e.g., land use allocations and state regulations) may be appropriate for determining activity impacts. The USGS report recognized “that because of variation in populations, habitats, development patterns, social context, and other factors, for a particular disturbance type, there is no single distance that is an appropriate buffer for all populations and habitats across the sage-grouse range.” The USGS report also states that “various protection measures have been developed and implemented... [which have] the ability (alone or in concert with others) to protect important habitats, sustain populations, and support multiple-use demands for public lands.” All variations in lek buffer distances will require appropriate analysis and disclosure as part of activity authorization.

Modification: None

Waiver: None

| Parcel # | Legal Land Description (21 MDM) |
|------------------|---|
| NV- 2022-08-1849 | T 29 N R 40 E Section 10 E2NE4, NESE, SWSW Section 14 W2NW4, NENW, NWSW Section 15 ALL LANDS |
| NV- 2022-08-1847 | T 29 N R 40 E Section 22 NWNW, SWSW, E2NW, E2SW, W2NE4, W2SE4 |
| NV- 2022-08-6974 | T 29 N R 40 E Section 27 W2, W2E2 Section 34 W2, W2NE4, NWSE |

NV-2022-08-1853

T 30 N R 41 E Section 7 -qt L3, L4; Section 18-qt
L1, L2

T 30 N R 40 E Section 12-qt NESE, SESE;
Section 13- qt NWNE, NENE, SENW, SWNE,
SENE, NWSW, NESW, NWSE, NESW, SWSW,
SESW, SWSE; Section 24-qt NWNW, NENW,
SWNW

Lease Notice – Sage-Grouse Habitat
(#NV-W-16-H-LN)

According to the Nevada and Northeastern California Greater Sage-Grouse Approved Resource Management Plan Amendment (NVCA Approved GRSG RMP Amendment), specific Required Design Features (RDFs) are required for certain activities in all Greater Sage-Grouse (GRSG) habitats. RDFs establish the minimum specifications for certain activities to help mitigate adverse impacts. However, the applicability and overall effectiveness of each RDF cannot be fully assessed until the project level when the project location and design are known. Because of site-specific circumstances, some RDFs may not apply to some projects (e.g., a resource is not present on a given site) and/or may require slight variations (e.g., a larger or smaller protective area). All variations in RDFs would require that at least one of the following be demonstrated in the NEPA analysis associated with the project/activity:

- A specific RDF is documented to not be applicable to the site-specific conditions of the project/activity (e.g. due to site limitations or engineering considerations). Economic considerations, such as increased costs, do not necessarily require that an RDF be varied or rendered inapplicable;
- An alternative RDF is determined to provide equal or better protection for GRSG or its habitat;
- A specific RDF will provide no additional protection to GRSG or its habitat.

A list of the RDFs may be found in Appendix C of the NVCA Approved GRSG RMP Amendment; however application of the RDFs is site specific at the project proposal stage.

| Parcel # | Legal Land Description (21 MDM) |
|-----------------|--|
| All Parcels | All lands within parcel |

Lease Notice – Lands with Wilderness Characteristics
(#NV-W-17-A-LN)

Per WMDO RMP LWC 1.1, the units identified as containing wilderness characteristics (including the Fencemaker Area of the Stillwater Range), will be managed to meet multiple use and sustained yield objectives. Prior to any surface disturbing activities, the wilderness characteristics inventory will be reviewed in accordance with BLM Manual 6320. Individual projects proposed within areas identified as possessing wilderness characteristics will be evaluated during the NEPA process for impacts to wilderness characteristics. Mitigation measures to protect wilderness characteristics will be applied as appropriate.

In 1980, initial Land with Wilderness Characteristics Inventory was prepared in 1980 using BLM Manuals 6300-1 and 6300-2 *Wilderness Inventory*. BLM Manual 6310 *Conducting Wilderness Characteristics Inventory* and BLM Manual 6320 *Considering Lands with Wilderness Characteristics in the Land Use Planning Process* provides new guidance in addressing this aspect of land use planning. A portion of the proposed parcels occur within LWC units that have not been re-inventoried since issuance of the new guidance. If proposed fluid mineral activities are to occur within the units identified as containing wilderness characteristics, the wilderness character inventory would be reviewed according to BLM manual 6320 - Considering Lands with Wilderness Characteristics in Land Use Plans. The BLM Authorized Officer may identify mitigation measures necessary for reducing adverse impacts to wilderness characteristics. These measures would be designed to manage areas identified as possessing wilderness characteristics through the inventory described in Manual 6310 and may include, but are not limited to, impact minimization measures on wilderness characteristics, limiting surface disturbance footprints, or reducing visibility of surface disturbance. Additional specific measures to protect lands with wilderness characteristics may be developed during review of proposals.

| Parcel # | Legal Land Description (21 MDM) |
|-----------------|--|
| NV-2022-08-1846 | All nominated parcels contain lands that overlap inventoried and/or uninventoried LWC units |
| NV-2022-08-1847 | |
| NV-2022-08-1849 | |
| NV-2022-08-1850 | |
| NV-2022-08-1851 | |
| NV-2022-08-1852 | |
| NV-2022-08-1853 | |
| NV-2022-08-1854 | |
| NV-2022-08-1855 | |
| NV-2022-08-1856 | |
| NV-2022-08-1857 | |
| NV-2022-08-1858 | |
| NV-2022-08-1859 | |
| NV-2022-08-1866 | |
| NV-2022-08-1869 | |
| NV-2022-08-1924 | |
| NV-2022-08-6974 | |

Lease Notice – Range Management
(#NV-W-18-A-LN)

This parcel contains one or more existing grazing allotment(s) and/or range improvements. For more information regarding grazing and water rights, please contact the Winnemucca District Office. These entities must be contacted in the event geothermal exploration, resource confirmation or development activities are proposed or authorized.

| <u>Parcel #</u> | <u>Grazing Allotment Holders</u> |
|------------------------|--|
| NV-2022-08-1867 | C-Punch Ranch (attn: Bob Redd) 1100 1/2 Fuss Road Lovelock NV 89419. There are no known range improvements or stockwater rights on this parcel. |
| NV-2022-08-1866 | C-Punch Ranch (attn: Bob Redd) 1100 1/2 Fuss Road Lovelock NV 89419. Be aware that C-Punch Ranch has water rights on Frog Pond which is immediately adjacent to this parcel and one of the points is on this parcel in one of the corners. |
| NV-2022-08-6971 | C-Punch Ranch (attn: Bob Redd) 1100 1/2 Fuss Road Lovelock NV 89419. There are no known range improvements or stockwater rights on this parcel. |
| NV-2022-08-1837 | C-Punch Ranch (attn: Bob Redd) 1100 1/2 Fuss Road Lovelock NV 89419. There are no known range improvements or stockwater rights on this parcel. |
| NV-2022-08-1859 | Pumpnickel and Rock Creek Allotments. Rock Creek Cattle Company PO Box 99 Golconda NV 89414. Rodger and Nancy Johnson PO Box 916 Winnemucca NV 89446. Nevada Gold Mines |

1655 Mountain City Highway
Elko NV 89801.
Ellison Ranching Company
PO Box 2150
Elko NV 89803.

Chester F Dawson Exemption Trust
3538 Mustang Street
Las Vegas NV 89108.

The lease parcels run through sections 06, 32, and 33 which is also where the allotment boundary fence between the Rock Creek and Pumpnickel Allotments is. There don't appear to be any existing water rights on the parcels or water projects, however there are a number of irrigation and stockwater rights immediately adjacent to the parcels.

NV-2022-08-1858

Klondike Allotment.
The Shining K LLC
485 Country Drive
Fernley NV 89408.

There do not appear to be any RIPS or water rights within this area.

NV-2022-08-1869

Rawhide/Klondike Allotments:

The Shining K LLC
485 Country Drive
Fernley NV 89408.

John Olagaray
11888 North Davis
Lodi CA 95242-0618.

Vesco Ranch
PO Box 506
Winnemucca NV 89446.

Crawford Cattle

146 Grayson Ranch Road
Winnemucca NV 89445.

The allotment boundary fence between the Klondike and Rawhide Allotments runs through section 36, a small corner of this parcel crosses over the fence from one allotment to the other. There appear to be no other RIPS present or water rights.

Lease Notice - Existing Right(s) of Way

This parcel contains one or more existing or pending Rights of Way (ROW). For more information regarding these ROWs, please contact the Winnemucca District Office.

The lessee accepts this lease subject to the right of individuals, authorized by Bureau of Land Management District Office, to access, operate within, and maintain the ROW as described in case file(s) (see below). The lessee agrees that its operations will not interfere with the use of the ROW(s) by these individuals.

These entities must be contacted in the event geothermal exploration or development activities are authorized.

| Parcel # | Legal Land Description (21 MDM) | Serial # and Customer |
|-----------------|--|--|
| NV-2022-08-1847 | T29N, R40E, Section 24 SWNE Section 23 Section 22 | NVN087657 - Pershing County NVN089571 - BLM Community Pit 4663, 4664 741166, 4806 |
| NV-2022-08-6971 | T33N, R25E, Section 12 NENW | N080522 |
| NV-2022-08-6978 | T24N, R27E, Section 6 SESE | N-94035 - Sierra Pacific Power app pending |
| NV-2022-08-1858 | T29N, R36E, Section 1 & 2 | N-100917 - pending |
| NV-2022-08-1857 | T29N, R37E, Section 7 | N-92181 - UNR |
| NV-2022-08-1846 | T28N, R40E, Section 2 SWSW Section 12 S2NE4 | 4665 (utility or fence) N062415 |
| NV-2022-08-1851 | T29N, R40E, Section 36 W2 | 4665 (utility or fence) |
| NV-2022-08-1850 | T29N, R40E, Section 2 W2 | 4663 (utility or fence) |
| NV-2022-08-1849 | T29N, R40E, Section 10 Section 14 Section 15 | 621657, 1103 4664, 4663 1003 |
| NV-2022-08-6974 | T29N, R40E, Section 26 Section 27 Sections 34 & 35 | 4663 4806 900068 |
| NV-2022-08-1853 | T30N, R40E, Section 18 L1 | OE (1931 and 1932) |
| NV-2022-08-1852 | T30N, R40E, Section 24 Section 25 Section 18 L4 | 4663, 4073 4663 4073 |

ROWS Continued

| Parcel # | Legal Land Description (21 MDM) | Serial # and Customer |
|-----------------------------|--|-------------------------------|
| NV-2022-08-1859 | T33N, R40E, Section 4 L1-L4 | N075055, N041049, N031800 |
| | Section 4 SW4 | 550943 |
| | Section 4 SE4 | 546459 |
| | Section 6 L1 – L7 | 4539, MS 37 |
| | Section 7 SESE, NESE | 965373 & 9997571 |
| | Section 17W2NW4 | 202 and a 997371 |
| | T32N, R40E, Section 32 | N080070 (expired, not on MTP) |
| NV-2022-08-1856 | T30N, R41E, Section 11 E2 | BMDO |
| NV-2022-08-1854 | T30N, R41E, Section 27 | N087245 (pending) |
| | Section 27 W2SW | BMDO (W2SW4) |
| NV-2022-08-1863 | T35N, R43E, Section 8 | N047751, N042787, Elko 01655 |
| | Section 12 SWSW | N099919 |
| | Section 16 NESW | N099920 |
| | Section 16 SESW | N099919, N099920 |
| | Section 16 SWSW | N047751 |
| NV-2022-08-1867 | T33N, R25E, Section 35 NWNW | Access road |
| NVN101024 | T31N, R33E, Section 1 L3 – L4 | N060880, N060628 |
| (non-competitive parcel) | Section 2 L33 | N006407 |
| | Section 14 N2SW4 | N076936 |