### **U.S. Department of the Interior**

### **Bureau of Land Management**

Finding of No Significant Impact DOI-BLM-NV-E020-2015-0049-EA March, 2016

### 2016 Oil and Gas Lease Sale Elko District, Nevada

Location: Elko District Office, Nevada

U.S. Department of the Interior Bureau of Land Management Elko District Office Phone: 775-753-0200

Fax: 775-753-0347



# Finding of No Significant Impact (FONSI) Environmental Assessment No. DOI-BLM-NV-E020-2015-0049-EA 2016 Oil and Gas Lease Sale for the Elko District, Nevada

#### Introduction

The Bureau of Land Management (BLM) prepared the Environmental Assessment for the March 2016 Oil and Gas Lease Sale, Elko District Office, Nevada (DOI-BLM-NV-E020-2015-0049-EA). This Environmental Assessment (EA) analyzed the effects of leasing 39 parcels, comprising about 50,415.76 acres of public lands in the Elko District, Nevada. These offered parcels amount to approximately 0.7 percent of public lands in the Elko district. Over 274,073 acres were nominated by industry for the March 2016 Oil and Gas Lease Sale. Of those 274,073 acres, BLM adjudicated (processed) 50,415.76 acres. The BLM is offering approximately 18.4 percent of the publicly requested acres for March 2016 lease sale. The vast majority of the 274,073 adjudicated acres were deferred from the March 2016 sale due to Greater Sage Grouse issues. Some of the adjudicated lands were removed because they were within leased areas, within a Wilderness Study Area (WSA), or lands with no federal mineral estate.

The EA considered a limited number of alternatives, the Proposed Action and No Action, and is tiered to, and incorporates by reference, the December 2005 Oil & Gas Lease Sale Programmatic EA, the 1985 Elko Resource Management Plan.

I have reviewed the EA (DOI-BLM-NV-E020-2015-0049-EA), dated March 2016. After consideration of the environmental effects of the BLM's Proposed Action described in the EA and supporting documentation, I have determined that the Proposed Action with the project design specifications identified in the EA will not significantly affect the quality of the human environment, individually or cumulatively with other actions in the general area. No environmental effects meet the definition of significance in context or intensity as described in 40 CFR 1508.27; therefore, preparation of an Environmental Impact Statement is not required as per section 102(2)(c) of the National Environmental Policy Act.

#### Context

Over 274,073 acres were nominated by industry for the March 2016 Oil and Gas Lease Sale. Of those 274,073 acres, BLM adjudicated (processed) 50,415.76 acres. The BLM is offering approximately 18 percent of the publicly requested acres for March 2016 lease sale. The vast majority of the 274,073 adjudicated acres were removed from the March 2016 sale due to Greater Sage Grouse issues. Some of the adjudicated lands were deferred because they were within leased areas, within a WSA, or lands with no federal mineral estate. The list of parcels was forwarded to the Elko District Office for environmental analysis.

With consideration of the management of the Greater Sage Grouse and its habitat and ongoing Native American Consultation, it is recommended to the State Director that of the 274,073 acres adjudicated by the Nevada State Office BLM, 50,415.76 acres be offered for competitive oil and gas leasing. Standard terms and conditions as well as special stipulations would apply. Lease stipulations (as required by Title 43 CFR 3131.3) would be added to all 39 parcels to address

site-specific concerns or new information not identified in the land use planning process (see section 2.2.1 Resource Protection Stipulations).

Once the parcels are sold, the lessee has the ability to use as much of the leased lands as is reasonably necessary to explore and drill for oil and gas within the lease boundaries, subject to the stipulations attached to the lease (Title 43 CFR 3101.1-2). However, prior to any surface disturbing activities, additional NEPA analysis is required.

Oil and gas leases are issued for a 10-year period and continue for as long thereafter as oil or gas is produced in paying quantities. If a lessee fails to produce oil or gas, does not make annual rental payments, does not comply with the terms and conditions of the lease, or relinquishes the lease; the lease can be resold.

Drilling of wells on a lease is not permitted until the lease owner or operator secures approval of a drilling permit and a surface use plan specified under Onshore Oil and Gas Orders, Notice to Lessee's (NTL's) listed in Title 43 CFR 3162.

All development activities proposed under the authority of these leases would be subject to compliance with Section 106 of the National Historic Preservation Act, Executive Order 13007 and Section 7 of the Endangered Species Act.

No additional mitigation measures are necessary at this time; however, if parcels are proposed for development in the future, additional NEPA would be conducted and site-specific mitigation measures and Best Management Practices would be attached as Conditions of Approval for each proposed activity.

Approval of the Proposed Action would allow the BLM to lease 39 parcels for oil and gas under the Leasing Law of 1920 as amended and the Federal Onshore Oil and Gas Leasing Reform Act of 1987. The determining factors weighed by the BLM in reaching a finding of no significant impact are provided below:

- There are no major resource issues or conflicts involved.
- There are no unique characteristics within the project area to be affected (e.g., parklands or prime or unique farmlands).
- There are no adverse impacts to endangered or threatened plant or animal species or their habitats.
- The project and its potential effects on the quality of the human environment are neither controversial nor do they involve unique or unknown results.
- The proposal is in conformance with all federal, state, and local planning and laws, imposed for the protection of the environment.

#### Intensity

#### 1) Impacts that may be both beneficial and adverse:

The Proposed Action does not include any ground disturbing activities, such as exploration, development, or production of oil and gas resources. Although there is no

ground disturbance associated with leasing public lands for oil and gas activities, the EA did provide a Reasonably Foreseeable Development scenario. As a result, the following resources were analyzed for indirect impacts: air quality, cultural resources, wildlife, special status species, water resources and water rights, wild horses, socioeconomics, wetlands/riparian areas, noxious and invasive weeds, lands with wilderness characteristics, Native American religious and other concerns, soils, vegetative resources, and visual resources. There were no adverse impacts from the proposed action.

Continued exploration for additional petroleum reserves would help the United States become less dependent on foreign oil sources. The money received from the lease sale would benefit the State of Nevada and the Treasury of the United States.

#### 2) The degree to which the Proposed Action affects public health or safety:

The Proposed Action would not affect public health or safety. If exploration drilling or other oil and gas related activities are proposed, these activities would be analyzed in site-specific NEPA document prior to authorization to proceed on the affected leased parcels.

3) <u>Unique characteristics of the geographic area such as proximity to historical or cultural resources</u>, parks lands, prime farmlands, wetlands, wild and scenic rivers, or ecologically critical areas:

No surface disturbing activities are proposed. If lease parcels are sold and subsequent exploration drilling or other oil and gas related activities are proposed, these activities would be analyzed in site-specific NEPA document prior to authorization to proceed on the affected leased parcels.

If access road, drill pad, facility and other infrastructure construction were needed to develop parcels for operation and production, possible effects to wetland and riparian resources would be evaluated in a site-specific NEPA document prior to authorization. With proper siting, adherence to Best Management Practices and BLM stipulations this risk would be minimized.

### 4) The degree to which the effects on the quality of the human environment are likely to be highly controversial:

The Proposed Action is not expected to be highly controversial. The preliminary EA was placed on the BLM NEPA Register website for 30 days for public review until November 6, 2015. The BLM received three comments from individuals and government agencies on the proposed action during the 30-day review period. Most comments expressed concerns about potential indirect effects from hydraulic fracturing, air quality, water consumption, leasing in Wild Horse Herd Management Areas and groundwater contamination.

Tribal consultation is ongoing. If specific Native American concerns are identified, BLM would avoid those areas. If the Tribal Community identifies traditional uses that could not be mitigated, the BLM would work to resolve those issues or remove the parcels from the lease sale. If lease parcels are sold and subsequent exploration drilling or other oil and gas related activities are proposed, these activities would be analyzed in site-specific NEPA document prior to authorization to proceed on the affected leased parcels. As standard operating practice, inadvertent discovery reporting would be required by the BLM. Under the Native American Graves Protection and Repatriation Act, section (3)(d)(1), it states that the discovering individual must notify the land manager (Jill Silvey, District Manager, 3900 East Idaho Street, Elko, Nevada, 89801) in writing of such a discovery. If the discovery occurs in connection with an authorized use, the activity which caused the discovery is to cease and the site and materials are to be protected until the land manager can respond to the situation.

# 5) The degree to which the possible effects on the human environment are highly uncertain or involve unique or unknown risks:

Possible effects on the human environment would not be significant based on the reasonably foreseeable development scenario for the EA.

## 6) The degree to which the action may establish a precedent for future actions with significant effects or represents a decision in principle about a future consideration:

The proposed action would not establish a precedent for future actions with significant effects or represent a decision about future consideration. Leasing of parcels would allow lease the right to explore for and develop oil and gas on the leased parcel. Completion of the EA and signing of the decision does not establish a precedent for other oil and gas competitive lease sales of similar size or scope. Any future leasing within the project area or in surrounding areas will be analyzed on their own merits and implemented, or not, independent of the actions currently selected.

# 7) Whether the action is related to other actions with individually insignificant, but cumulatively significant impacts:

Past, present and reasonably foreseeable future actions have been considered in the cumulative impacts analysis within the EA. In addition, for any actions that might be proposed in the future, further environmental analysis, including assessment of cumulative impacts, would be required prior to surface disturbing activities

- 8) The degree to which the action may adversely affect districts, sites, highways, structures, or objects listed in or eligible for listing on the National Register of Historic Places or may cause loss or destruction of significant scientific, cultural, or historic resources:
  - If leases are sold and an Exploration Permit or Application for Permit to Drill is received, site-specific NEPA analysis would be conducted and site specific mitigation implemented to minimize any risk to districts, sites, highways, structures, or objects listed in or eligible for listing in the National Register of Historic Places.
- 9) The degree to which the action may adversely affect an endangered or threatened species or its habitat that has been determined to be critical under the Endangered Species Act of 1973:

If leases are sold and an Exploration Permit or Application for Permit to Drill is received, site-specific NEPA analysis would be conducted and site specific mitigation implemented to minimize any risk to special status species. Site specific inventories for special status species of vegetation and wildlife would be conducted prior to site development. If special status species were located on sites proposed for development, it would be necessary to exclude disturbance, develop mitigation measures, and/or otherwise avoid the species and its habitat both spatially and temporally.

If any plant or animal species(listed as threatened or endangered under the Endangered Species Act of 1973 occur in or near areas proposed for exploration and /or development, BLM would consult with U. S. Fish and Wildlife Service in an effort to reduce or eliminate any potential adverse impacts.

10) Whether the action threatens a violation of federal, state, local, or tribal law or requirements imposed for the protection of the environment:

The Proposed Action will not violate or threaten to violate any federal, state, local, or tribal law or requirement imposed for the protection of the environment.

3/22/16

Gene Seidlitz

Acting Deputy State Director, Minerals Management

Nevada State Office

```
NV-16-03-001 .000 Acres
                                               NV-16-03-005
                                                                  1293.260 Acres
                                                 T.0280N, R.0520E, 21 MDM, NV
  T., R., 21 MDM, NV
    Sec.
                                                   Sec. 001 SE;
 County
                                                              E2;
                                                        012
Formerly Lease No.
                                                        025 LOTS 1-3;
                                                        025
                                                              S2NE, SE;
                                                        036
                                                              NE, SE, NESW, S2SW;
NV-16-03-002
                    234.810 Acres
                                               Elko County
  T.0270N, R.0520E, 21 MDM, NV
                                               Elko DO
    Sec. 001 NWSW;
                                               Formerly Lease No.
         011
               LOTS 1;
                                               Stipulations:
         011
               E2E2:
                                               NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
                                               OG-010-05-01, OG-010-05-02, OG-010-03,
Eureka County
Elko DO
                                               OG-010-05-08, OG-010-05-A, OG-010-05-G,
Formerly Lease No.
                                               OG-010-05-H, OG-010-05-Q
Stipulations:
NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
OG-010-05-01, OG-010-05-02,
OG-010-05-03,
                                               NV-16-03-006
                                                                   560.000 Acres
OG-010-05-08, OG-010-05-C, OG-010-05-A,
                                                 T.0320N, R.0520E, 21 MDM, NV
OG-010-05-G, OG-010-05-H
                                                   Sec. 012 N2, N2SW, SE;
                                               Elko County
                                               Elko DO
                                               SECTION 12 CONTAINS A NOTICE OF INTENT
NV-16-03-003
                    1494.570 Acres
                                               NVN88948
  T.0270N, R.0520E, 21 MDM, NV
                                               Formerly Lease No.
    Sec. 002
              LOTS 1,7,8,9;
                                               Stipulations:
         012
               ALL;
                                               NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
         013
               ALL;
                                               OG-010-05-01, OG-010-05-02,
         014
               LOTS 1,12;
                                               OG-010-05-03,
Elko County
                                               OG-010-05-08, OG-010-05-04, OG-010-05-A,
Elko DO
                                               OG-010-05-G
Formerly Lease No.
Stipulations:
NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
OG-010-05-01, OG-010-05-02,
                                               NV-16-03-007
                                                                  1512.470 Acres
OG-010-05-03,
                                                 T.0260N, R.0530E, 21 MDM, NV
OG-010-05-08, OG-010-05-A, OG-010-05-G,
                                                   Sec. 005 SW, W2SE;
OG-010-05-H,
                                                        006
                                                            S2NE, E2SE, SWSE, SENW;
                                                        003
                                                              LOTS 4;
                                                              SWNW;
                                                        003
                                                        004
                                                              LOTS 1-4;
NV-16-03-004
                    974.920 Acres
                                                        004
                                                              S2N2, S2;
  T.0270N, R.0520E, 21 MDM, NV
                                                        005
                                                              LOTS 3-11;
    Sec. 023 LOTS 1-4;
                                               Elko County
         023
               SWNW, S2SW, W2SE;
                                               Elko DO
                                               SECTION 6 CONTAINS A NOTICE OF INTENT
         036
               ALL;
Eureka County
                                               NVN79961
                                               Formerly Lease No.
SECTION 23 CONTAINS A NOTICE OF INTENT
                                               Stipulations:
NVN79958
                                               NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
Formerly Lease No.
                                               OG-010-05-01, OG-010-05-02,
                                               OG-010-05-03,
Stipulations:
NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
                                               OG-010-05-08, OG-010-05-04, OG-010-05-A,
OG-010-05-01, OG-010-05-02,
                                               OG-010-05-G, OG-010-05-H, OG-010-05-O
OG-010--05-03,
OG-010-05-08, OG-010-05-07
```

```
NV-16-03-011
                                                                    1400.000 Acres
                                                  T.0280N, R.0530E, 21 MDM, NV
                    690.200 Acres
NV-16-03-008
  T.0260N, R.0530E, 21 MDM, NV
                                                             NWNE, NWNE, SENE;
                                                    Sec. 014
              LOTS 1-4;
    Sec. 013
                                                         016
                                                               ALL;
         013
               NE, S2NW, N2S2;
                                                         021
                                                               ALL;
                                                Elko County
         014
               LOTS 6-7;
                                                Elko DO
         014
               NESE;
Elko County
                                                Formerly Lease No.
Elko DO
                                                Stipulations:
                                                NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
Formerly Lease No.
                                                OG-010-05-01, OG-010-05-02,
Stipulations:
NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
                                                OG-010-05-03,
OG-010-05-01, OG-010-05-02,
                                                OG-010-05-08, OG-010-05-A, OG-010-05-H,
OG-010-05-03,
                                               OG-010-05-0
OG-010-05-08, OG-010-05-A, OG-010-05-G,
OG-010-05-Q
                                               NV-16-03-012
                                                                    1954.560 Acres
                                                  T.0280N, R.0530E, 21 MDM, NV
NV-16-03-009
                    1680.110 Acres
                                                    Sec. 017
                                                             ALL:
  T.0270N, R.0530E, 21 MDM, NV
                                                               LOTS 1-4;
                                                         019
                                                         019
                                                               E2, E2W2;
    Sec. 001
              LOTS 4;
         001
               SWNW, S2;
                                                         020
                                                               ALL;
         012
               ALL;
                                                Elko County
         013
                                                Elko DO
               ALL;
                                                Formerly Lease No.
Elko County
Elko DO
                                                Stipulations:
Formerly Lease No.
                                               NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
                                                OG-010-05-01, OG-010-05-02,
Stipulations:
NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
                                                OG-010-05-03,
OG-010-05-01, OG-010-05-02, OG-010-05-03
                                               OG-010-05-08, OG-010-05-A, OG-010-05-H
OG-010-05-08, OG-010-05-05, OG-010-05-A,
OG-010-05-H, OG-010-05-Q
                                               NV-16-03-013
                                                                    1600.000 Acres
                                                  T.0280N, R.0530E, 21 MDM, NV
NV-16-03-010
                    1360.000 Acres
                                                    Sec. 028
                                                               ALL;
  T.0270N, R.0530E, 21 MDM, NV
                                                         033
                                                               ALL;
    Sec. 025 ALL;
                                                         034
                                                               W2;
         026
               N2, N2S2, SESE;
                                               Elko County
         036
               N2N2, SENE;
                                               Elko DO
Elko County
                                               Formerly Lease No.
Elko DO
                                               Stipulations:
Formerly Lease No.
                                               NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
Stipulations:
                                               OG-010-05-01, OG-010-05-02,
NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
                                               OG-010-05-03,
                                               OG-010-05-08, OG-010-05-A
OG-010-05-01, OG-010-05-02,
OG-010-05-03,
OG-010-05-08, OG-010-05-A, OG-010-05-G,
OG-010-05-H, OG-010-05-Q
                                               NV-16-03-014
                                                                    1280.000 Acres
                                                  T.0280N, R.0530E, 21 MDM, NV
                                                    Sec. 029 ALL;
                                                         032
                                                               ALL;
                                               Elko County
                                               Elko DO
                                               Formerly Lease No.
                                               Stipulations:
                                               NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
                                               OG-010-05-01, OG-010-05-02,
                                               OG-010-05-03, OG-010-05-08,
                                               OG-010-05-13, OG-010-05-A,OG-010-05-Q
```

```
NV-16-03-015
                     319.390 Acres
                                                NV-16-03-018
                                                                     1699.400 Acres
  T.0320N, R.0530E, 21 MDM, NV
                                                  T.0260N, R.0540E, 21 MDM, NV
    Sec. 002
              LOTS 1-4;
                                                     Sec. 001 LOTS 1-4;
          002
               SWNW;
                                                          001
                                                                S2, S2N2;
          010
               NWSW, S2SW;
                                                          012
                                                                ALL;
Elko County
                                                          013
                                                                NE, E2NW, SE;
Elko DO
                                                Elko County
Formerly Lease No.
                                                Elko DO
Stipulations:
                                                Formerly Lease No.
NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
                                                Stipulations:
OG-010-05-01, OG-010-05-02,
                                                NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
OG-010-05-03,
                                                OG-010-05-01, OG-010-05-02,
OG-010-05-08, OG-010-05-04,
                                                OG-010-05-03,
OG-010-05-13,
                                                OG-010-05-08, OG-010-05-05,
OG-010-05-A
                                                OG-010-05-13.
                                                OG-010-05-A
NV-16-03-016
                     2486.290 Acres
  T.0320N, R.0530E, 21 MDM, NV
                                                                     1260.440 Acres
                                                NV-16-03-019
    Sec. 004
              LOTS 1-4;
                                                  T.0260N, R.0540E, 21 MDM, NV
         004
               S2N2, S2;
                                                    Sec. 003 LOTS 1-4;
         006
               LOTS 1-14;
                                                         003 S2N2, NESW, SE;
         006
               S2NE, SE;
                                                         004 LOTS 1-4;
               ALL;
         800
                                                         004
                                                                S2N2;
         016
               N2N2, SENW, S2NE;
                                                         010
                                                               NENE;
         018
               LOTS 1-2;
                                                         011
                                                               N2, NESE;
         018
               N2NE;
                                                Elko County
Elko County
                                                Elko DO
Elko DO
                                                Formerly Lease No.
SECTION 6 CONTAINS A NOTICE OF INTENT
                                                Stipulations:
NVN91517
                                                NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
Formerly Lease No.
                                                OG-010-05-01, OG-010-05-02,
Stipulations:
                                                OG-010-05-03,
NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
                                                OG-010-05-08, OG-010-05-05,
OG-010-05-01, OG-010-05-02,
                                                OG-010-05-13,
OG-010-05-03,
                                                OG-010-05-A
OG-010-05-08, OG-010-05-04,
OG-010-05-13,
OG-010-05-A, OG-010-05-Q
                                                NV-16-03-020
                                                                    1360.650 Acres
                                                  T.0260N, R.0540E, 21 MDM, NV
                                                    Sec. 005 LOTS 1-3;
NV-16-03-017
                    1731.600 Acres
                                                               S2NE, SENW, E2SW, SE;
                                                         005
  T.0330N, R.0530E, 21 MDM, NV
                                                         007
                                                               LOTS 4;
    Sec. 022 W2SW;
                                                         007
                                                               SESE;
         024
              LOTS 1,2;
                                                         008
                                                               ALL;
         024
               W2NE, NW, NESW;
                                                         009
                                                               W2W2:
                                                Elko County
         032
               ALL;
         034
               ALL;
                                                Elko DO
Elko County
                                                Formerly Lease No.
Elko DO
                                                Stipulations:
Formerly Lease No.
                                                NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
Stipulations:
                                                OG-010-05-01, OG-010-05-02,
NVSO-FCL, NVSO-ES, NVSO-CR, NVSO-MMD,
                                                OG-010-05-03,
OG-010-05-01, OG-010-05-02,
                                               OG-010-05-08, OG-010-05-13, OG-010-05-A
OG-010-05-03,
                                               OG-010-05-08, OG-010-05-13, OG-010-05-A
OG-010-05-08, OG-010-05-04,
OG-010-05-05,
OG-010-05-10, OG-010-05-13, OG-010-05-A,
OG-010-05-P
```

```
NV-16-03-024
                                                                    2560.000 Acres
  T.0260N, R.0540E, 21 MDM, NV
                                                  T.0270N, R.0540E, 21 MDM, NV
    Sec. 016 W2W2, E2SW, SWSE;
                                                    Sec. 021 ALL;
         017
               ALL;
                                                         027
                                                               ALL:
         018
              LOTS 1-4;
                                                         028
                                                               ALL;
         018
               E2E2;
                                                         034
                                                               ALL;
Elko County
                                                Elko County
Elko DO
                                                Elko DO
Formerly Lease No.
                                                Formerly Lease No.
Stipulations:
                                                Stipulations:
NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
                                                NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
OG-010-05-01, OG-010-05-02,
                                                OG-010-05-01, OG-010-05-02,
OG-010-05-03,
                                                OG-010-05-03,
OG-010-05-08, OG-010-05-13, OG-010-05-A
                                               OG-010-05-08, OG-010-05-05, OG-010-05-13
                                               OG-010-05-A
NV-16-03-022
                    2002.430 Acres
  T.0270N, R.0540E, 21 MDM, NV
                                               NV-16-03-025
                                                                   1605.610 Acres
    Sec. 005 LOTS 1-4;
                                                 T.0270N, R.0540E, 21 MDM, NV
         005
               S2N2, S2;
                                                   Sec. 030 LOTS 1-4;
         006
               LOTS 1-5;
                                                         030 E2E2;
         006
               SENE, E2SE;
                                                         031 LOTS 1,2;
                                                         031
         007
               LOTS 1-4;
                                                              E2NE;
         007
               E2E2;
                                                         032 N2, NWSW, E2SW, SE;
         800
               ALL;
                                                         033 ALL:
         018
               LOTS 1-4;
                                               Elko County
         018
               E2E2;
                                               Elko DO
Elko County
                                               Formerly Lease No.
Elko DO
                                               Stipulations:
Formerly Lease No.
                                               NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
Stipulations:
                                               OG-010-05-01, OG-010-05-02,
NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
                                               OG-010-05-03,
OG-010-05-01, OG-010-05-02,
                                               OG-010-05-08, OG-010-05-13, OG-010-05-A
OG-010-05-03,
OG-010-05-08, OG-010-05-05,
OG-010-05-13,
OG-010-05-A
                                               NV-16-03-026
                                                                   520.000 Acres
                                                 T.0310N, R.0540E, 21 MDM, NV
                                                   Sec. 024 NENE, S2N2, S2;
                                               Elko County
NV-16-03-023
                    2163.000 Acres
                                               Elko DO
  T.0270N, R.0540E, 21 MDM, NV
                                               Formerly Lease No.
    Sec. 016 ALL;
                                               Stipulations:
         017
               ALL;
                                               NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
         019
               LOTS 1-4;
                                               OG-010-05-01, OG-010-05-02,
               E2E2;
         019
                                               OG-010-05-03,
         020
               ALL;
                                               OG-010-05-08, OG-010-05-13, OG-010-05-A
Elko County
Elko DO
Formerly Lease No.
Stipulations:
NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
OG-010-05-01, OG-010-05-02,
OG-010-05-03,
OG-010-05-08, OG-010-05-05,
OG-010-05-13,
OG-010-05-A
```

NV-16-03-021

1230.160 Acres

```
NV-16-03-027
                    2158.150 Acres
                                                NV-16-03-030
                                                                      907.530 Acres
   T.0320N, R.0540E, 21 MDM, NV
                                                   T.0300N, R.0550E, 21 MDM, NV
     Sec. 004 LOTS 3,4;
                                                     Sec. 006 LOTS 1-5;
          004
                S2, S2N2;
                                                          006
                                                                S2NE, SENW, NESW, SE;
          006
               LOTS 1,6,7;
                                                          007
                                                                N2NE;
          006
                SENE, E2SW, SE;
                                                          008
                                                                NESE:
          800
                ALL:
                                                          010
                                                                SWNW, SW, W2SE;
          016
                N2, N2SW, SE;
                                                 Elko County
 Elko County
                                                 Elko DO
 Elko DO
                                                 Formerly Lease No.
 Formerly Lease No.
                                                 Stipulations:
 Stipulations:
                                                 NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD.
                                                 OG-010-05-01, OG-010-05-02,
OG-010-05-01, OG-010-05-02,
                                                 OG-010-05-03,
OG-010-05-03,
                                                 OG-010-05-08, OG-010-05-13, OG-010-05-A
OG-010-05-08, OG-010-05-10,
OG-010-05-13,
OG-010-05-A, OG-010-05-O
                                                 NV-16-03-031
                                                                     1915.740 Acres
                                                   T.0310N, R.0550E, 21 MDM, NV
                                                     Sec. 002 LOTS 1-4;
NV-16-03-028
                     1040.000 Acres
                                                          002 S2N2,S2;
  T.0330N, R.0540E, 21 MDM, NV
                                                          004
                                                                SENE, SE;
    Sec. 010
               SENE;
                                                          008
                                                                SENE, E2SE;
          014
                                                          010
                                                                E2, NW, N2SW, SESW;
S2NE, N2SW, SESW, NWSE, S2SE;
                                                          012
                                                                W2W2;
         024
               ALL;
                                                          018
                                                                SENE, SE;
                SESE;
          026
                                                 Elko County
Elko County
                                                 Elko DO
Elko DO
                                                 Formerly Lease No.
Formerly Lease No.
                                                 Stipulations:
Stipulations:
                                                NVSO-FCL, NVSO-ES, NVSO-CR, NVSO-MMD,
NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
                                                OG-010-05-01, OG-010-05-02,
OG-010-05-01, OG-010-05-02,
                                                OG-010-05-03,
OG-010-05-03,
                                                OG-010-05-08, OG-010-05-D
OG-010-05-08, OG-010-05-10,
OG-010-05-11,
OG-010-05-13, OG-010-05-A, OG-010-05-P
                                                NV-16-03-032
                                                                     1804.750 Acres
                                                  T.0310N, R.0550E, 21 MDM, NV
                                                    Sec. 014
                                                              N2, E2SW, W2SE;
NV-16-03-029
                    1252.600 Acres
                                                         017
                                                                NWSW, S2SW;
  T.0260N, R.0550E, 21 MDM, NV
                                                         019
                                                                LOTS 1,2,5,6;
    Sec. 007
               LOTS 1-4;
                                                         019
                                                                NE, E2NW;
         007
               NE, E2W2, N2SE;
                                                         031
                                                                LOTS 1-4;
         800
               W2;
                                                         031
                                                               NE, E2W2, SE;
         017
               NENW;
                                                         036
                                                               NENW, S2NW, NWSW;
                                                Elko County
         018
               LOTS 1-4;
         018
               E2W2;
                                                Elko DO
Elko County
                                                Formerly Lease No.
Elko DO
                                                Stipulations:
Formerly Lease No.
                                                NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
Stipulations:
                                                OG-010-05-01, OG-010-05-02,
NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
                                                OG-010-05-03,
OG-010-05-01, OG-010-05-02,
                                                OG-010-05-08, OG-010-05-13, OG-010-05-A,
OG-010-05-03,
                                                OG-010-05-D
OG-010-05-08, OG-010-05-05,
OG-010-05-13,
```

OG-010-05-A

```
NV-16-03-033
                   93.330 Acres
                                                NV-16-03-037
                                                                    1504.430 Acres
   T.0310N, R.0550E, 21 MDM, NV
                                                  T.0330N, R.0550E, 21 MDM, NV
     Sec. 030 LOTS 8,9;
                                                    Sec. 018 LOTS 5-20;
 Elko County
                                                         020
                                                               ALL;
Elko DO
                                                         032
                                                               W2NW, NWSW;
Formerly Lease No.
                                                Elko County
Stipulations:
                                                Elko DO
NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
                                                Formerly Lease No.
OG-010-05-01, OG-010-05-02,
                                                Stipulations:
OG-010-05-03,
                                                NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
OG-010-05-08, OG-010-05-13, OG-010-05-A,
                                                OG-010-05-01, OG-010-05-02,
OG-010-05-D
                                                OG-010-05-03,
                                                OG-010-05-08, OG-010-05-10,
                                                OG-010-05-11,
NV-16-03-034
                     120.560 Acres
                                                OG-010-05-13, OG-010-05-A, OG-010-05-D
  T.0320N, R.0550E, 21 MDM, NV
    Sec. 005 LOTS 4;
         005
               S2NW;
Elko County
                                                NV-16-03-038
                                                                    400.000 Acres
Elko DO
                                                  T.0330N, R.0550E, 21 MDM, NV
U.S. ONLY OWNS 50% OF MINERAL INTEREST
                                                    Sec. 022 W2NW, SENW, NWSW:
Stipulations:
                                                         028
                                                               N2N2, SWNW, SWNE;
NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
                                                Elko County
OG-010-05-01, OG-010-05-02,
                                                Elko DO
OG-010-05-03,
                                                Formerly Lease No.
OG-010-05-08, OG-010-05-10,
                                                Stipulations:
OG-010-05-11,
                                                NVSO-FCL, NVSO-ESA, NVSO-CR-NVSO-MMD,
OG-010-05-13, OG-010-05-A, OG-010-05-D
                                                OG-010-05-01, OG-010-05-02,
                                                OG-010-05-03,
                                                OG-010-05-08, OG-010-05-10,
NV-16-03-035
                    601.160 Acres
                                               OG-010-05-11,
  T.0320N, R.0550E, 21 MDM, NV
                                               OG-010-05-13, OG-010-05-A, OG-010-05-D
    Sec. 006 LOTS 1,2;
         006
              SENE, E2SE, SWSE;
         026
               E2SW, SE;
         034
               SESW, S2SE;
                                               NV-16-03-039
                                                                   1282.120 Acres
Elko County
                                                 T.0270N, R.0530E, 21 MDM, NV
Elko DO
                                                    Sec. 003 LOTS 1-4;
Formerly Lease No.
                                                         003
                                                              S2N2,S2;
Stipulations:
                                                         010
                                                              ALL;
NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
                                               Elko County
OG-010-05-01, OG-010-05-02,
                                               Elko DO
OG-010-05-03,
                                               Formerly Lease No.
OG-010-05-08, OG-010-05-10,
                                               Stipulations:
OG-010-05-11,
                                               NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
OG-010-05-13, OG-010-05-A, OG-010-05-D
                                               OG-010-05-01, OG-010-05-02, OG-010-03,
                                               OG-010-05-08, OG-010-05-05, OG-010-05-A
                                               OG-010-05-D
NV-16-03-036
                    441.520 Acres
  T.0330N, R.0550E, 21 MDM, NV
    Sec. 002
              LOTS 3,4;
         010
               NWNE;
         016
               NENE, SW, W2SE, SESE;
Elko County
Elko DO
Formerly Lease No.
Stipulations:
NVSO-FCL, NVSO-ES, NVSO-CR, NVSO-MMD,
OG-010-05-01, OG-010-05-02, OG-010-03.
OG-010-08, OG-010-05-10, OG-010-05-11,
OG-010-05-13, OG-010-05-A, OG-010-05-D
```

```
NV-16-03-040
                   1920.000 Acres
 T.0270N, R.0530E, 21 MDM, NV
   Sec. 014 ALL;
        023 ALL;
        024 ALL;
Elko County
Elko DO
Formerly Lease No.
Stipulations:
NVSO-FCL, NVSO-ESA, NVSO-CR, NVSO-MMD,
OG-010-05-01, OG-010-05-02,
OG-010-05-03,
OG-010-05-08, OG-010-05-05,
OG--010-05-A,
OG-010-05-D
```

Number of Parcels - 39

Total Acreage - 50,415.76

Number of Parcels with Presales - 0 Total Acreage for Presales - 0

Any portion of the listed lands may be Deleted upon determination that such lands are not available for leasing.