

APN # _____

Recording Requested By:

Name GRANT CANYON OIL & GAS

Address 717 17th Street, Suite 141

City/State/Zip Denver, Co. 80202



00001990201802355270190191

LISA HOEHNE, RECORDER

OFFER TO LEASE AND LEASE FOR OIL AND GAS
(Title of Document)

This page added to provide additional information required by NRS 111.312 Sections 1-2. (Additional recording fees applies)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Serial Number
NVN096436

OFFER TO LEASE AND LEASE FOR OIL AND GAS

The undersigned (page 2) offers to lease all or any of the lands in item 2 that are available for lease pursuant to the Mineral Lands Leasing Act of 1920, as amended and supplemented (30 U.S.C. 181 et seq.), the Mineral Leasing Act for Acquired Lands of 1947, as amended (30 U.S.C. 351-359), or _____ (other).

READ INSTRUCTIONS BEFORE COMPLETING

1. Name GRANT CANYON OIL & GAS LLC
Street 717 17th STREET, SUITE 1400
City, State, Zip Code DENVER, CO 80202

2. This application/offer/lease is for: (Check Only One) PUBLIC DOMAIN LANDS ACQUIRED LANDS (percent U.S. interest _____)

Surface managing agency if other than Bureau of Land Management (BLM): _____ Unit/Project _____

Legal description of land requested: *Parcel No.: NV-18-03-004 *Sale Date 03/13/18

*See Item 2 in Instructions below prior to completing Parcel Number and Sale Date.

T. _____ R. _____ Meridian _____ State _____ County _____

Amount remitted: Filing fee \$ 160.00 Rental fee \$ 3736.50 Total acres applied for 2490.060
Total \$ 3896.50

DO NOT WRITE BELOW THIS LINE

3. Land included in lease:

T. 0280N R. 0510E Meridian MDM State NV County EUREKA
Sec. 025 LOTS 5-8;
025 W2E2,W2;
026 ALL;
035 ALL;
036 LOTS 4,5,7-10;
036 W2NE,NW,E2SW, W2SE;
Total acres in lease 2490.060
Rental retained \$ 3736.50

This lease is issued granting the exclusive right to drill for, mine, extract, remove and dispose of all the oil and gas (except helium) in the lands described in Item 3 together with the right to build and maintain necessary improvements thereupon for the term indicated below, subject to renewal or extension in accordance with the appropriate leasing authority. Rights granted are subject to applicable laws, the terms, conditions, and attached stipulations of this lease, the Secretary of the Interior's regulations and formal orders in effect as of lease issuance, and to regulations and formal orders hereafter promulgated when not inconsistent with lease rights granted or specific provisions of this lease.

NOTE: This lease is issued to the high bidder pursuant to his/her duly executed bid form submitted under 43 CFR 3120 and is subject to the provisions of that bid and those specified on this form.

Type and primary term:

Noncompetitive lease (ten years)

Competitive lease (ten years)

Other _____

THE UNITED STATES OF AMERICA
by Kemla K. Anderson
(BLM)
Chief, Branch of Minerals Resources, Fluids
(Title)

APR 24 2018
(Date)

EFFECTIVE DATE OF LEASE MAY 01 2018

(Continued on page 2)

LESSEE

4. (a) Undersigned certifies that (1) offeror is a citizen of the United States; an association of such citizens; a municipality; or a corporation organized under the laws of the United States or of any State or Territory thereof, (2) all parties holding an interest in the offer are in compliance with 43 CFR 3100 and the leasing authorities; (3) offeror's chargeable interests, direct and indirect, in each public domain and acquired lands separately in the same State, do not exceed 246,080 acres in oil and gas leases (of which up to 200,000 acres may be in oil and gas options or 300,000 acres in leases in each leasing District in Alaska of which up to 200,000 acres may be in options, (4) offeror is not considered a minor under the laws of the State in which the lands covered by this offer are located; (5) offeror is in compliance with qualifications concerning Federal coal lease holdings provided in sec. 2(a)2(A) of the Mineral Leasing Act; (6) offeror is in compliance with reclamation requirements for all Federal oil and gas lease holdings as required by sec. 17(g) of the Mineral Leasing Act; and (7) offeror is not in violation of sec. 41 of the Act.

(b) Undersigned agrees that signature to this offer constitutes acceptance of this lease, including all terms conditions, and stipulations of which offeror has been given notice, and any amendment or separate lease that may include any land described in this offer open to leasing at the time this offer was filed but omitted for any reason from this lease. The offeror further agrees that this offer cannot be withdrawn, either in whole or in part unless the withdrawal is received by the proper BLM State Office before this lease, an amendment to this lease, or a separate lease, whichever covers the land described in the withdrawal, has been signed on behalf of the United States.

This offer will be rejected and will afford offeror no priority if it is not properly completed and executed in accordance with the regulations, or if it is not accompanied by the required payments.

Duly executed this _____ day of _____, 20_____

(Signature of Lessee or Attorney-in-fact)

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212 make it a crime for any person knowingly and willfully to make to any department or Agency of the United States any false, fictitious, or fraudulent statements or representations as to any matter within its jurisdiction.

LEASE TERMS

Sec. 1. Rentals--Rentals must be paid to proper office of lessor in advance of each lease year. Annual rental rates per acre or fraction thereof are:

- (a) Noncompetitive lease, \$1.50 for the first 5 years; thereafter \$2.00;
- (b) Competitive lease, \$1.50; for the first 5 years; thereafter \$2.00;
- (c) Other, see attachment, or

as specified in regulations at the time this lease is issued.

If this lease or a portion thereof is committed to an approved cooperative or unit plan which includes a well capable of producing leased resources, and the plan contains a provision for allocation of production, royalties must be paid on the production allocated to this lease. However, annual rentals must continue to be due at the rate specified in (a), (b), or (c) rentals for those lands not within a participating area.

Failure to pay annual rental, if due, on or before the anniversary date of this lease (or next official working day if office is closed) must automatically terminate this lease by operation of law. Rentals may be waived, reduced, or suspended by the Secretary upon a sufficient showing by lessee.

Sec. 2. Royalties--Royalties must be paid to proper office of lessor. Royalties must be computed in accordance with regulations on production removed or sold. Royalty rates are:

- (a) Noncompetitive lease, 12 1/2%;
- (b) Competitive lease, 12 1/2 %;
- (c) Other, see attachment; or

as specified in regulations at the time this lease is issued.

Lessor reserves the right to specify whether royalty is to be paid in value or in kind, and the right to establish reasonable minimum values on products after giving lessee notice and an opportunity to be heard. When paid in value, royalties must be due and payable on the last day of the month following the month in which production occurred. When paid in kind, production must be delivered, unless otherwise agreed to by lessor, in merchantable condition on the premises where produced without cost to lessor. Lessee must not be required to hold such production in storage beyond the last day of the month following the month in which production occurred, nor must lessee be held liable for loss or destruction of royalty oil or other products in storage from causes beyond the reasonable control of lessee.

Minimum royalty in lieu of rental of not less than the rental which otherwise would be required for that lease year must be payable at the end of each lease year beginning on or after a discovery in paying quantities. This minimum royalty may be waived, suspended, or reduced, and the above royalty rates may be reduced, for all or portions of this lease if the Secretary determines that such action is necessary to encourage the greatest ultimate recovery of the leased resources, or is otherwise justified.

An interest charge will be assessed on late royalty payments or underpayments in accordance with the Federal Oil and Gas Royalty Management Act of 1982 (FOGRMA) (30 U.S.C. 1701). Lessee must be liable for royalty payments on oil and gas lost or wasted from a lease site when such loss or waste is due to negligence on the part of the operator, or due to the failure to comply with any rule, regulation, order, or citation issued under FOGRMA or the leasing authority.

Sec. 3. Bonds-A bond must be filed and maintained for lease operations as required under regulations.

Sec. 4. Diligence, rate of development, unitization, and drainage-Lessee must exercise reasonable diligence in developing and producing, and must prevent unnecessary damage to, loss of, or waste of leased resources. Lessor reserves right to specify rates of development and production in the public interest and to require lessee to subscribe to a cooperative or unit plan, within 30 days of notice, if deemed necessary for proper development and operation of area, field, or pool embracing these leased lands. Lessee must drill and produce wells necessary to protect leased lands from drainage or pay compensatory royalty for drainage in amount determined by lessor.

Sec. 5. Documents, evidence, and inspection-Lessee must file with proper office of lessor, not later than 30 days after effective date thereof, any contract or evidence of other arrangement for sale or disposal of production. At such times and in such form as lessor may prescribe, lessee must furnish detailed statements showing amounts and quality of all products removed and sold, proceeds therefrom, and amount used for production purposes or unavoidably lost. Lessee may be required to provide plats and schematic diagrams showing development work and improvements, and reports with respect to parties in interest, expenditures, and depreciation costs. In the form prescribed by lessor, lessee must keep a daily drilling record, a log, information on well surveys and tests, and a record of subsurface investigations and furnish copies to lessor when required. Lessee must keep open at all reasonable times for inspection by any representative of lessor, the leased premises and all wells, improvements, machinery, and fixtures thereon, and all books, accounts, maps, and records relative to operations, surveys, or investigations on or in the leased lands. Lessee must maintain copies of all contracts, sales agreements, accounting records, and documentation such as billings, invoices, or similar documentation that supports costs claimed as manufacturing, preparation, and/or transportation costs. All such records must be maintained in lessee's accounting offices for future audit by lessor. Lessee must maintain required records for 6 years after they are generated or, if an audit or investigation is underway, until released of the obligation to maintain such records by lessor.

During existence of this lease, information obtained under this section will be closed to inspection by the public in accordance with the Freedom of Information Act (5 U.S.C. 552).

Sec. 6. Conduct of operations-Lessee must conduct operations in a manner that minimizes adverse impacts to the land, air, and water, to cultural, biological, visual, and other resources, and to other land uses or users. Lessee must take reasonable measures deemed necessary by lessor to accomplish the intent of this section. To the extent consistent with lease rights granted, such measures may include, but are not limited to, modification to siting or design of facilities, timing of operations, and specification of interim and final reclamation measures. Lessor reserves the right to continue existing uses and to authorize future uses upon or in the leased lands, including the approval of easements or rights-of-way. Such uses must be conditioned so as to prevent unnecessary or unreasonable interference with rights of lessee.

Prior to disturbing the surface of the leased lands, lessee must contact lessor to be apprised of procedures to be followed and modifications or reclamation measures that may be necessary. Areas to be disturbed may require inventories or special studies to determine the extent of impacts to other resources. Lessee may be required to complete minor inventories or short term special studies under guidelines provided by lessor. If in the conduct of operations, threatened or endangered species, objects of historic or scientific interest or substantial unanticipated environmental effects are observed, lessee must immediately contact lessor. Lessee must cease any operations that would result in the destruction of such species or objects.

Sec. 7. Mining operations-To the extent that impacts from mining operations would be substantially different or greater than those associated with normal drilling operations, lessor reserves the right to deny approval of such operations.

Sec. 8. Extraction of helium-Lessor reserves the option of extracting or having extracted helium from gas production in a manner specified and by means provided by lessor at no expense or loss to lessee or owner of the gas. Lessee must include in any contract of sale of gas the provisions of this section.

Sec. 9. Damages to property-Lessee must pay lessor for damage to lessor's improvements, and must save and hold lessor harmless from all claims for damage or harm to persons or property as a result of lease operations.

Sec. 10. Protection of diverse interests and equal opportunity- Lessee must pay when due all taxes legally assessed and levied under laws of the State or the United States; accord all employees complete freedom of purchase; pay all wages at least twice each month in lawful money of the United States; maintain a safe working environment in accordance with standard industry practices and take measures necessary to protect the health and safety of the public.

Lessor reserves the right to ensure that production is sold at reasonable prices and to prevent monopoly. If lessee operates a pipeline, or owns controlling interest in a pipeline or a company operating a pipeline, which may be operated accessible to oil derived from these leased lands, lessee must comply with section 28 of the Mineral Leasing Act of 1920.

Lessee must comply with Executive Order No. 11246 of September 24, 1965, as amended, and regulations and relevant orders of the Secretary of Labor issued pursuant thereto. Neither lessee nor lessee's subcontractors must maintain segregated facilities.

Sec. 11. Transfer of lease interests and relinquishment of lease-As required by regulations, lessee must file with lessor any assignment or other transfer of an interest in this lease. Lessee may relinquish this lease or any legal subdivision by filing in the proper office a written relinquishment, which will be effective as of the date of filing, subject to the continued obligation of the lessee and surety to pay all accrued rentals and royalties.

Sec. 12. Delivery of premises-At such time as all or portions of this lease are returned to lessor, lessee must place affected wells in condition for suspension or abandonment, reclaim the land as specified by lessor and, within a reasonable period of time, remove equipment and improvements not deemed necessary by lessor for preservation of producible wells.

Sec. 13. Proceedings in case of default-If lessee fails to comply with any provisions of this lease, and the noncompliance continues for 30 days after written notice thereof, this lease will be subject to cancellation unless or until the leasehold contains a well capable of production of oil or gas in paying quantities, or the lease is committed to an approved cooperative or unit plan or communitization agreement which contains a well capable of production of unitized substances in paying quantities. This provision will not be construed to prevent the exercise by lessor of any other legal and equitable remedy, including waiver of the default. Any such remedy or waiver will not prevent later cancellation for the same default occurring at any other time. Lessee will be subject to applicable provisions and penalties of FOGRMA (30 U.S.C. 1701).

Sec. 14. Heirs and successors-in-interest-Each obligation of this lease will extend to and be binding upon, and every benefit hereof will inure to the heirs, executors, administrators, successors, beneficiaries, or assignees of the respective parties hereto.

(Form 3100-11, page 3)

1. Page 1 of this form is to be completed only by parties filing for a noncompetitive lease. The BLM will complete page 1 of the form for all other types of leases.

2. Entries must be typed or printed plainly in ink. Offeror must sign Item 4 in ink.

3. An original and two copies of this offer must be prepared and filed in the proper BLM State Office. See regulations at 43 CFR 1821.2-1 for office locations.

4. If more space is needed, additional sheets must be attached to each copy of the form submitted.

B. Special:

Item 1-Enter offeror's name and billing address.

Item 2-Identify the mineral status and, if acquired lands, percentage of Federal ownership of applied for minerals. Indicate the agency controlling the surface of the land and the name of the unit or Project which the land is a part. The same offer may not include both Public

Domain and Acquired lands. Offeror also may provide other information that will assist in establishing title for minerals. The description of land must conform to 43 CFR 3110. A single parcel number and Sale Date will be the only acceptable description during the period from the first day following the end of a competitive process until the end of that same month, using the parcel number on the List of Lands Available for Competitive Nominations or the Notice of Competitive Lease Sale, whichever is appropriate.

Payments: The amount remitted must include the filing fee and the first year's rental at the rate of \$1.50 per acre or fraction thereof. The full rental based on the total acreage applied for must accompany an offer even if the mineral interest of the United States is less than 100 percent. The filing fee will be retained as a service charge even if the offer is completely rejected or withdrawn. To protect priority, it is important that the rental submitted be sufficient to cover all the land requested. If the land requested includes lots or irregular quarter-quarter sections, the exact area of which is not known to the offeror, rental should be submitted on the basis of each such lot or quarter-quarter section containing 40 acres. If the offer is withdrawn or rejected in whole or in part before a lease issues, the rental remitted for the parts withdrawn or rejected will be returned.

Item 3-This space will be completed by the United States.

NOTICES

The Privacy Act of 1974 and the regulations in 43 CFR 2.48(d) provide that you be furnished with the following information in connection with information required by this oil and gas lease offer.

AUTHORITY: 30 U.S.C. 181 et seq.; 30 U.S.C 351-359

PRINCIPAL PURPOSE: The information is to be used to process oil and gas offers and leases.

ROUTINE USES: (1) The adjudication of the lessee's rights to the land or resources. (2) Documentation for public information in support of notations made on land status records for the management, disposal, and use of public lands and resources. (3) Transfer to appropriate Federal agencies when consent or concurrence is required prior to granting a right in public lands or resources. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: If all the information is not provided, the offer may be rejected. See regulations at 43 CFR 3100.

NOTICE TO LESSEE

Provisions of the Mineral Leasing Act (MLA) of 1920, as amended by the Federal Coal Leasing Amendments Act of 1976, affect an entity's qualifications to obtain an oil and gas lease.

Section 2(a)(2)(A) of the MLA, 30 U.S.C. § 201(a)(2)(A), requires that any entity that holds and has held a Federal coal lease for 10 years beginning on or after August 4, 1976, and who is not producing coal in commercial quantities from each such lease, cannot qualify for the issuance of any other lease granted under the MLA. Compliance by coal lessees with Section 2(a)(2)(A) is explained in 43 CFR 3472.

In accordance with the terms of this oil and gas lease with respect to compliance by the initial lessee with qualifications concerning Federal coal lease holdings, all assignees and transferees are hereby notified that this oil and gas lease is subject to cancellation if: (1) the initial lessee as assignor or as transferor has falsely certified compliance with Section 2(a)(2)(A); or (2) because of a denial or disapproval by a State Office of a pending coal action, i.e., arms-length assignment, relinquishment, or logical mining unit, the initial lessee as assignor or as transferor is no longer in compliance with Section 2(a)(2)(A). The assignee or transferee does not qualify as a bona fide purchaser and, thus, has no rights to bona fide purchaser protection in the event of cancellation of this lease due to noncompliance with Section 2(a)(2)(A).

Information regarding assignor or transferor compliance with Section 2(a)(2)(A) is contained in the lease case file as well as in other Bureau of Land Management records available through the State Office issuing this lease.

BLM Nevada Standard Stipulations
(#NV-E-00-A-LN)

These stipulations and 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 Elko Interagency Dispatch Center (EIDC) at (775) 748-4000. 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 Elko District Office, Division of Fire and Aviation at (775) 753-0200 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.

**Raptor Nesting Sites
(#NV-E-06-B-TL)**

This lease may contain lands with active raptor nesting sites. These lands are subject to seasonal protection from disturbance to avoid displacement and mortality of raptor young. Restrictions apply up to a 0.5 mile radius around the active nesting sites of the following species during the period described. The entire EDO may provide suitable nesting for one or more of the species listed below.

- A. Golden Eagles and Great Horned Owls during the period 1/1-6/30, inclusive.
- B. Long-eared Owls during the period 2/1-5/15, inclusive.
- C. Prairie Falcons during the period 3/1-6/30, inclusive.
- D. Ferruginous Hawks, Northern Harriers and Barn Owls during the period 3/1-7/31, inclusive.
- E. Goshawk and Sharp-shinned Hawks during the period 3/15-7/15, inclusive.
- F. Cooper's Hawks, Kestrels, and Burrowing Owls during the period 4/1-6/30, inclusive.
- G. Red-tailed and Swainson's Hawk during the period 4/1-7/15, inclusive.
- H. Short-eared Owls during the period 2/1-6/15, inclusive.

Authority/Supporting Documentation: Wells RMP ROD (p. 25); Elko RMP ROD (p. 25), Birds of the Great Basin, 1985;

Parcel #

Legal Land Description

NV-18-03-002
THRU
NV-18-03-039

ALL LANDS

**Resource: Sage-Grouse Habitat
(NV-E-16-A-NSO)**

Stipulation: No Surface Occupancy. Priority Habitat Management Areas (PHMA) outside of Sagebrush Focal Areas (SFA)-Manage oil and gas resources in Nevada as No Surface Occupancy (NSO), with two exceptions.

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

Exception: The Authorized Officer may grant an exception to an oil and gas lease NSO Stipulation only where the proposed action is as one of the following:

- i. Would not have direct, indirect, or cumulative effects on GRSG or its habitat
- ii. Is proposed to be undertaken as an alternative to a similar action occurring on a nearby parcel and would provide a clear net conservation gain to GRSG and its habitat

Exceptions based on conservation gain (ii) may only be considered in (a) PHMA of mixed ownership where federal minerals underlie less than fifty percent of the total surface or (b) areas of the public lands where the proposed exception is an alternative to an action occurring on a nearby parcel subject to a valid federal oil and gas lease existing as of the date of ARMPA. Exceptions based on conservation gain must also include such measures as enforceable institutional controls and buffers, sufficient to allow the BLM to conclude that such benefits would endure for the duration of the proposed action's impacts.

Any exceptions to this lease stipulation may be approved by the Authorized Officer only with the concurrence of the State Director. The Authorized Officer may not grant an exception unless the applicable state wildlife agency, the USFWS, and the BLM unanimously find that the proposed action satisfies (i) or (ii). Such finding initially would be made by a team of one field biologist or other GRSG expert from each respective agency. In the event the initial finding were not unanimous, the finding may be elevated to the appropriate BLM State Director, USFWS State Ecological Services Director, and state wildlife agency head for final resolution. In the event their findings were not unanimous, the exception would not be granted. Approved exceptions would be made publicly available at least quarterly.

Modification: None.

Waiver: None

<u>Parcel #</u>	<u>Legal Land Description</u>
NV-18-03-002	T.0280N, R.0510E, 21 MDM, NV Sec. 002 LOTS 1-4; 002 S2N2,S2;
NV-18-03-003	T.0280N, R.0510E, 21 MDM, NV Sec. 014 ALL; 023 ALL;
NV-18-03-004	T.0280N, R.0510E, 21 MDM, NV Sec. 025 LOTS 5-8; 026 ALL;

NV-18-03-007 T.0260N, R.0520E, 21 MDM, NV
Sec. 014 NE,N2NW,SE,W,S2;

NV-18-03-023 T.0280N, R.0540E, 21 MDM, NV
Sec. 025 ALL;
026 ALL;

NV-18-03-024 T.0280N, R.0540E, 21 MDM, NV
Sec. 028 ALL;
029 ALL;

NV-18-03-027 T.0280N, R.0550E, 21 MDM, NV
Sec. 013 SWNE,W2,W2SE;
014 NE,SE,W,S2;
015 SESE;
022 E2NE,SWNE,E2NW;

NV-18-03-028 T.0280N, R.0550E, 21 MDM, NV
Sec. 017 ALL;
020 ALL;
029 N2NW;

NV-18-03-029 T.0280N, R.0550E, 21 MDM, NV
Sec. 033 E2E2;
034 SWNE,NW,S2;
036 ALL;

NV-18-03-030 T.0300N, R.0550E, 21 MDM, NV
Sec. 027 E2;

NV-18-03-031 T.0270N, R.0560E, 21 MDM, NV
Sec. 019 LOTS 1-4;
019 E2,E2W2;
020 ALL;

NV-18-03-033 T.0270N, R.0560E, 21 MDM, NV
Sec. 031 LOTS 2-4;
031 E2,E2W2;
032 ALL;

NV-18-03-034 T.0300N, R.0560E, 21 MDM, NV
Sec. 011 ALL;
012 NENE,W2NE,NW,S2;

NV-18-03-037 T.0270N, R.0620E, 21 MDM, NV
Sec. 013 ALL;
024 ALL;

NV-18-03-038

T.0270N, R.0620E, 21 MDM, NV

Sec. 035 ALL;

036 ALL;

NV-18-03-039

T.0260N, R.0630E, 21 MDM, NV

Sec. 006 LOTS 1-7;

006 S2NE,SENW,E2SW,SE;

007 E2W2;

018 LOTS 4;



**Resource: Sage-Grouse Habitat
(#NV-E-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 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

NV-18-03-002
THRU
NV-18-03-003

ALL LANDS

NV-18-03-004

T.0280N, R.0510E, 21 MDM, NV
Sec. 025 LOTS 5-8;
025 W2E2, W2;
026 ALL;

NV-18-03-005
THRU
NV-18-03-007

ALL LANDS

NV-18-03-009
THRU
NV-18-03-011

ALL LANDS

NV-18-03-017
THRU
NV-18-03-019

ALL LANDS

NV-18-03-021

ALL LANDS

**NV-18-03-024
THRU
NV-18-03-027**

ALL LANDS

NV-18-03-029

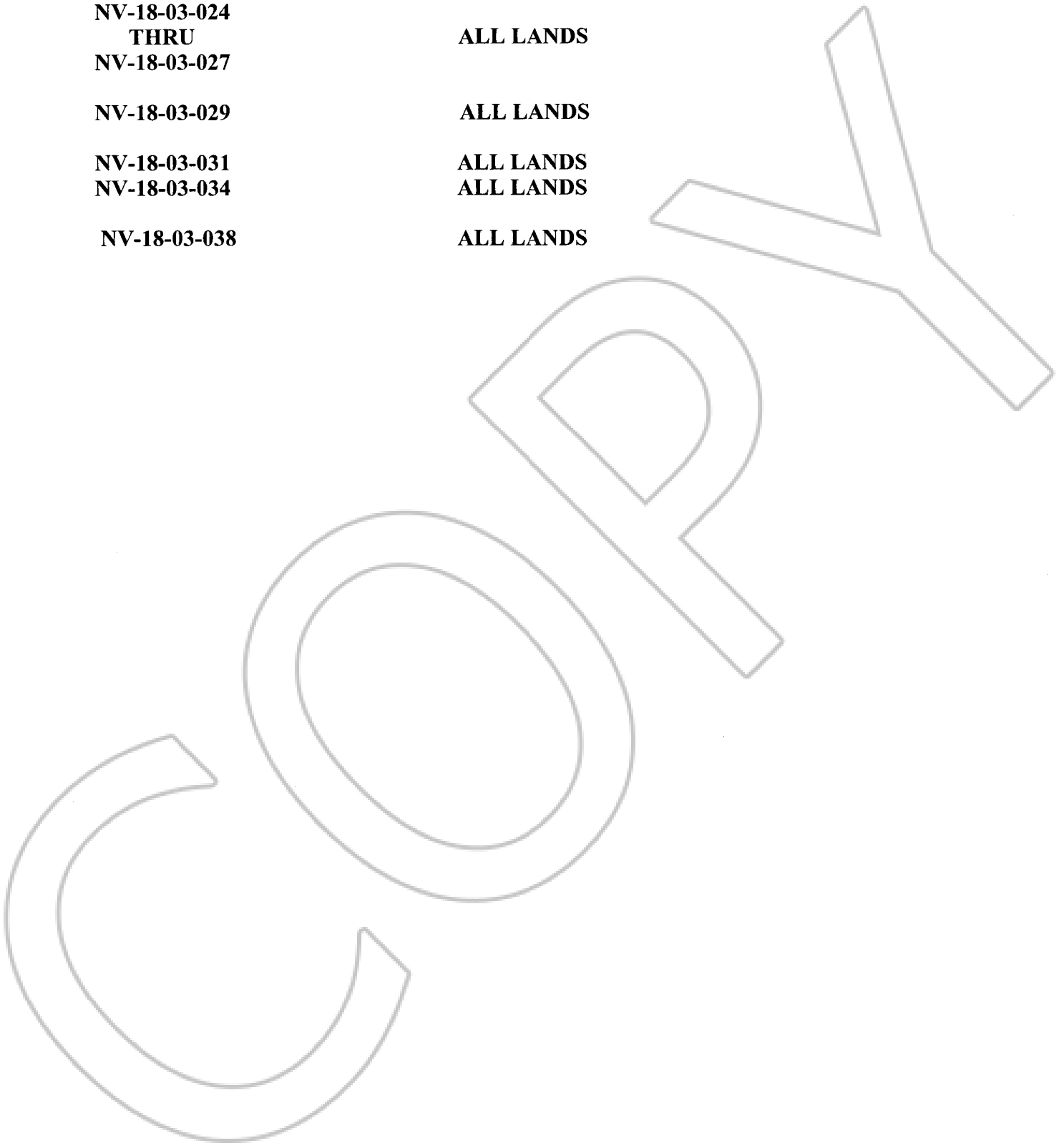
ALL LANDS

**NV-18-03-031
NV-18-03-034**

**ALL LANDS
ALL LANDS**

NV-18-03-038

ALL LANDS



**Sage-Grouse Habitat
(NV-E-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 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.

<u>Parcel #</u>	<u>Legal Land Description</u>
NV-18-03-002	ALL LANDS
NV-18-03-003	T.0280N, R.0510E, 21 MDM, NV Sec. 013 LOTS 3,4; 013 W2SE,SW; 014 ALL; 023 ALL;
NV-18-03-004	T.0280N, R.0510E, 21 MDM, NV Sec. 025 LOTS 5-8; 025 W2E2,W2; 026 ALL;
NV-18-03-007	T.0260N, R.0520E, 21 MDM, NV Sec. 014 NE,N2NW,SE,SW,S2;
NV-18-03-010	T.0280N, R.0520E, 21 MDM, NV Sec. 001 SW;

NV-18-03-023

T.0280N, R.0540E, 21 MDM, NV

Sec. 025 ALL;
026 ALL;

NV-18-03-024

T.0280N, R.0540E, 21 MDM, NV

Sec. 028 ALL;
029 ALL;
030 LOTS 1-4;

NV-18-03-027

T.0280N, R.0550E, 21 MDM, NV

Sec. 013 SWNE,W2,W2SE;
014 NE,SE,SW,S2;
015 SESE;
022 E2NE,SWNE,E2NW;

NV-18-03-028

ALL LANDS

NV-18-03-029

T.0280N, R.0550E, 21 MDM, NV

Sec. 033 E2E2;
034 SWNE,NW,S2;
036 ALL;

NV-18-03-030

ALL LANDS

NV-18-03-031

T.0270N, R.0560E, 21 MDM, NV

Sec. 019 LOTS 1-4;
019 E2,E2W2;
020 ALL;
021 ALL;

NV-18-03-032

THRU

NV-18-03-038

ALL LANDS

NV-18-03-039

T.0260N, R.0630E, 21 MDM, NV

Sec. 006 LOTS 1-7;
006 S2NE,SE,SW,SE;
007 E2W2;
018 LOTS 4;

**Sage-Grouse Habitat
(#NV-E-16-F-CSU)**

Stipulation: Control Surface Use (CSU). Authorizations/permits would limit noise from discretionary activities (during construction, operation, or maintenance) to not exceed 10 decibels above ambient sound levels at least 0.25 miles from active and pending leks from 2 hours before to 2 hours after sunrise and sunset during the breeding season from March 1 to May 15.

Objective [Purpose]: To protect Greater Sage Grouse (GRSG) lek sites by implementing noise restrictions near leks in General Management Habitat Areas (GHMA).

Exception: None

Modification: None

Waiver: None

Parcel #

Legal Land Description

NV-18-03-002

THRU

NV-18-03-003

ALL LANDS

NV-18-03-004

**T.0280N, R.0510E, 21 MDM, NV
Sec. 025 LOTS 5-8;
026 ALL;**

NV-18-03-007

**T.0260N, R.0520E, 21 MDM, NV
Sec. 014 NE,N2NW,SEW,S2;**

NV-18-03-023

**T.0280N, R.0540E, 21 MDM, NV
Sec. 025 ALL;
026 ALL;**

NV-18-03-024

**T.0280N, R.0540E, 21 MDM, NV
Sec. 028 ALL;
029 ALL;**

NV-18-03-027

**T.0280N, R.0550E, 21 MDM, NV
Sec. 013 SWNE,W2,W2SE;
014 NE,SEW,S2;
015 SESE;
022 E2NE,SWNE,E2NW;**

NV-18-03-028

T.0280N, R.0550E, 21 MDM, NV

**Sec. 017 ALL;
020 ALL;
029 N2NW;**

NV-18-03-029

T.0280N, R.0550E, 21 MDM, NV

**Sec. 033 E2E2;
034 SWNE,NW,S2;
036 ALL;**

NV-18-03-030

T.0300N, R.0550E, 21 MDM, NV

Sec. 027 E2;

NV-18-03-031

T.0270N, R.0560E, 21 MDM, NV

**Sec. 019 LOTS 1-4;
019 E2,E2W2;
020 ALL;**

NV-18-03-033

T.0270N, R.0560E, 21 MDM, NV

**Sec. 031 LOTS 2-4;
031 E2,E2W2;
032 ALL;**

NV-18-03-034

T.0300N, R.0560E, 21 MDM, NV

**Sec. 011 ALL;
012 NENE.W2NE,NW,S2;**

NV-18-03-037

T.0270N, R.0620E, 21 MDM, NV

**Sec. 013 ALL;
024 ALL;**

NV-18-03-038

T.0270N, R.0620E, 21 MDM, NV

**Sec. 035 ALL;
036 ALL;**

NV-18-03-039

T.0260N, R.0630E, 21 MDM, NV

**Sec. 006 LOTS 1-7;
006 S2NE,SE,SW,E2SW,SE;
007 E2W2;
018 LOTS 4;**

**Lease Notice –Sage-Grouse Habitat
(#NV-E-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) habitat. 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 #

**NV-18-03-002
THRU
NV-18-03-039**

Legal Land Description

ALL LANDS