



**NEVADA STATE OFFICE  
1340 FINANCIAL BLVD.  
RENO, NEVADA 89502**

# **GEOHERMAL LEASE SALE**

**October 20, 2020**

**BUREAU OF LAND MANAGEMENT**



# United States Department of the Interior



BUREAU OF LAND MANAGEMENT  
Nevada State Office  
1340 Financial Boulevard  
Reno, Nevada 89502-7147  
<https://www.blm.gov/nevada>

In Reply Refer To:  
3220

**SEP 04 2020**

## Notice of Competitive Geothermal Internet Lease Sale

In accordance with the *Geothermal Steam Act*, and the BLM regulations at 43 CFR 3200, the Bureau of Land Management (BLM) is offering **18** parcels for internet-based competitive sale of certain Federal lands containing **35,632.680** acres in the State of Nevada for geothermal leasing. This notice describes:

- The date, time and location of the sale
- How to participate in the bidding process
- The sale process
- The conditions of the sale
- How to file a noncompetitive offer after the sale

Attached is a list of available parcels that includes the parcel numbers, legal land descriptions and corresponding stipulations, if applicable. We have included any stipulations, lease notices, special conditions, or restrictions that will be made a part of the lease at the time we issue it. We have also identified those parcels where the United States owns less than 100 percent interest in the geothermal mineral rights. For your convenience, we are including a copy of the bid form.

### When and where will the sale take place?

**When:** The sale date is **Tuesday, October 20, 2020**. The open bidding period will begin at **11:00 a.m. Central Daylight Time (CDT)** (or 9:00 a.m. Pacific Daylight Time (PDT)), on **Tuesday, October 20, 2020**. Each parcel will have its own unique open bidding period, with start and stop times clearly identified on the auction website. The open bidding period for each parcel will run for **one** hour from start to finish, and bids will **only** be accepted during a parcel's open bidding period.

**Where:** The sale is held online at <https://www.energynet.com>. Click the Government Lease Sales icon to view this online lease sale. Parcels may be viewed online at the EnergyNet website approximately 10 business days after the posting of this sale notice on the BLM website.

**Access:** The auction website is open to the public. The internet-based lease sale can be observed in real-time. However, you must register as a bidder on the website, in advance, in order to submit bids for a parcel. The auction website will be active and available for use approximately 10 days after the date of this Notice of Competitive Geothermal Internet-Based Lease Sale and will remain available for

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ARIZONA, CALIFORNIA, NEVADA, OREGON\*

\* PARTIAL

viewing until the completion of the auction. The available parcels listed below will be detailed on the website, and the information displayed on the website during the offering period represents the authoritative record. Interested parties may visit the website at any time. Potential bidders may register for the online auction as soon as the auction website is active and are encouraged to do so early. Bidders must be registered for the online lease sale before the bidding commences. Further, potential bidders are encouraged to visit the website prior to the start of the open bidding period to become familiar with the site and review the bidding tutorial. Supporting documentation is available on the website to familiarize new users to the process and answer frequently asked questions.

### **How will the sale be conducted?**

The sale will be conducted *by online bidding only*. The online auction design will be a sequential ascending clock, fixed period, English auction. Each parcel will have its own unique open bidding period, with start and stop times clearly identified on the auction website. The open bidding period for each parcel will run for **one hour**, from start to finish. Bids will only be accepted for each parcel during its open bidding period and each parcel will close bidding sequentially so that each bidder will know if they are the highest winning bidder on a parcel before subsequent parcels close for bidding. The website will display each current high bid, and the high bid bidder's number. The winning bid is the highest bid per acre received, equal to or exceeding the minimum acceptable bid, which is on record in the online auction system by the close of the auction period. The online system provides for two types of bids: a flat bid per acre, or a maximum bid, also per acre. The system allows participants to submit either type of bid, or both. Maximum bids allow a bidder to participate in the online auction without having to be logged into the website at the time the auction period closes. The auction website provides a full explanation of placing maximum bids, as well as an explanation of how they work to place bids on your behalf to maintain your high bidder status up to the chosen maximum bid amount. The BLM strongly encourages potential bidders to review the bidding tutorial on the auction website in advance of the online lease sale.

### **How do I participate in the bidding process?**

To participate in the BLM bidding process, one must register and obtain a bidder number before the start of the auction. Approximately 10 days after posting of this notice on the BLM website, a potential bidder can register to bid at the auction website address above. Bidders are encouraged to register early, to familiarize themselves with the bidding instructions and ensure they have ample time to complete all the required bidder registration steps before the open bidding period commences.

If an entity is bidding for more than one party, they must register separate credentials, satisfy all registration requirements and obtain a separate bidder number for each company or individual they wish to represent.

You do not have to be "present" in the auction in order to participate as a bidder. The online auction provides a "maximum bid" bidding option. By using this "maximum bid" option, you are asking the system to bid automatically on your behalf, up to an amount you specify.

When registering as a bidder on the auction website, you will also be asked to sign a statement to confirm that any bid you cast will represent a good-faith intention to acquire a geothermal lease and that you understand that any winning bid will constitute a legally binding commitment to

accept the terms of the lease and pay monies owed. Further, you will acknowledge, through self-certification of the enhanced bidder form, that you understand that it is a crime under 18 U.S.C. 1001 and 43 U.S.C. 1212 to knowingly and willfully make any false, fictitious, or fraudulent statements or representations regarding your qualifications; bidder registration and intent to bid; acceptance of a lease; or payment of monies owed; and that any such offense may result in a fine or imprisonment for not more than 5 years or both. You will also acknowledge that you understand that it is a crime under 30 U.S.C. 195 (a) and (b) to organize or participate in any scheme to defeat provisions of the mineral leasing regulations. Any person who knowingly violates this provision will be punished by a fine of not more than \$500,000, imprisonment for not more than 5 years, or both.

If you, or the party you represent, owe the United States any monies that were due the day of a previous Geothermal lease auction conducted by any BLM office (the minimum monies owed the day of sale), or any monies owed EnergyNet for a previous Geothermal lease auction conducted by EnergyNet for any BLM office, you will not be allowed to register to bid at this lease sale. The Mineral Leasing Act requires that leases be issued to a “responsible qualified bidder” (30 U.S.C. 226(b) (1) (A)). Any bidder, or party represented by a bidding agent, that does not pay the minimum monies owed the day of the sale is not a “responsible qualified bidder” and will be barred from participating in any oil and gas lease auction nationwide until the bidder settles that debt to the United States. In addition, if you or the party you represent defaults at any three sales conducted by any BLM office, you or the party you represent will be barred permanently from participating in any other BLM Geothermal lease sale auction.

### **What is the sale process?**

Starting at the posted opening date and time for each parcel:

- All bids are on the gross (total) per-acre basis, rounded up to whole acres, for the entire acreage in the parcel;
- All bids are made in minimum increments of \$1.00 per acre, or fraction of an acre thereof;
- The winning bid is the highest received bid, equal to or exceeding the minimum acceptable bid, which is on record in the online auction system at the close of the auction period; and
- **The decision of the BLM, as presented on the auction website’s bid history at [www.energynet.com](http://www.energynet.com), is final.**

The minimum acceptable bid is \$2 per acre. If a parcel contains fractional acreage, round it up to the next whole acre. For example, a parcel of 100.51 acres requires a minimum bid of \$202 (\$2 x 101 acres).

You cannot withdraw a bid once a bid is placed and the auction system determines that you are the high bidder, whether the bid was a flat bid or a maximum bid.

## How long will the sale last?

Each parcel will have its own unique open bidding period, with start and stop times clearly identified on the auction website. The open bidding period for each parcel will run for **one hour**, from start to finish. The length of the sale depends on the number of parcels we are offering.

## What conditions apply to the lease sale?

- **Parcel withdrawal or sale postponement:** We reserve the right to withdraw any or all parcels before the sale begins. If we withdraw a parcel, we will post a notice in the Nevada State Office Information Access Center (Public Room) before the sale begins. Additionally, the auction website will clearly indicate that a parcel is withdrawn. If we postpone the sale, a clear notice will be posted in the State Office Information Access Center, the State Office Website, and on the auction website.
- **Fractional interests:** 43 CFR 3206.15 If the United States owns less than 100 percent of the geothermal mineral interest for the land in a parcel we will show that information as part of the parcel listing. When we issue the lease, it will be for the percentage or fraction of interest the United States owns. However, you must calculate your bonus bid and advance rental payment on the United States net interest. For example, if a parcel contains 199.31 acres and the United States owns 50 percent of the geothermal mineral interest, the minimum bonus bid will be \$200 (\$2 x 100 acres) and the advance annual rental will be \$200 (\$2 x 100 acres) for the first year and \$300 (\$3 x 100 acres) for the remainder of the lease term. Conversely, your chargeable acreage and royalty on production will be calculated on the United States net acreage.
- **Payment due:** You cannot withdraw a bid. Your bid is a legally binding contract. For **each parcel** you are the successful high bidder, you must pay at least the minimum bonus bid of 20 percent of the bid; the first year's advance rental of \$2.00 per acre or fraction of an acre; and a non-refundable administrative fee of **\$170.00**. These are monies you owe the United States, whether or not a lease is issued. You must provide notification of the payment process of these monies by 4:00 pm PDT the day the auction closes. Payment will be made directly to the BLM Nevada State Office, or as otherwise directed by the BLM. **Payments to the BLM will not be made through the auction website.** At the conclusion of each parcel's bidding period, the winning bidder will be provided instructions by the online auction system on how to make the required payment to BLM. Also, you will be required to pay the buyer's premium to EnergyNet of 1.5% of any successful bid, in order to participate in the internet-based lease sale. If your bonus bid was more than \$2 per acre or fraction of an acre and you don't pay the full amount on the day of the sale, you must pay any balance due by the close of business on the 15<sup>th</sup> calendar day after the date that the auction closes. **Remaining balance will be due in the Nevada State Office by 4:00 P.M. PDT, November 04, 2020.** If you do not pay in full by this date, you lose the right to the lease and all money due on the day of the sale. If you forfeit a parcel, we may offer it again at a future sale.

The minimum monies owed on the day of the sale for a winning bid are monies owed to the United States [43 CFR 3203.17]. If we do not receive notification of the payment process of the minimum monies owed the day of the sale by the date and time above, the BLM will issue a bill for the monies owed. If we do not receive payment by the bill due date, we will send a demand letter to you that will include additional fees. If we do not receive payment as requested by the demand letter, the U.S. will immediately pursue collection by all appropriate methods, and when

appropriate, collect late fees, interest, administrative charges, and on past-due amounts assess civil penalties. “All appropriate methods” include, but are not limited to, referral to collection agencies and credit reporting bureaus; salary or administrative offset; offset of Federal and state payments, including goods or services; and Federal and state tax refund offset; and retirement payment offset. We may send debts to the Internal Revenue Service (IRS) and the IRS may charge them as income to you on Form 1099C, Cancellation of Debt (Federal Claims Collection Act of 1966, as amended; The Debt Collection Improvement Act of 1996; 31 CFR Part 285).

- **Forms of payment:** Specific payment instructions will be provided by the online auction system to high winning bidders. You may pay by personal check, certified check, money order in person at the BLM (name) State Office. We encourage you to pay by Electronic Funds Transfer (EFT), Automated Clearing House (ACH), or credit card (Discover, Visa, American Express, or MasterCard only). We cannot accept cash. If you plan to make your payment using a credit card, you should contact your bank prior to the sale and let them know you will be making a substantial charge against your account. ***Please note, in accordance with the Department of Treasury Financial Manual, Announcement No. A-2014-04, the BLM cannot accept credit card payments for an amount equal to or greater than \$24,999.99. The BLM cannot accept aggregated smaller amounts or multiple credit cards to bypass this requirement.*** The BLM does not have Personal Identification Number (PIN) equipment for the purpose of processing PIN authorized debit cards. All debit card transactions will be processed as credit cards and the dollar value limits will apply. If you pay by check in person at the Nevada State Office, please make your check payable to: **Department of the Interior-BLM**. If a check you have sent to us in the past has been returned for insufficient funds, we may ask that you give us a guaranteed payment, such as a certified check. If you pay by credit card and the transaction is refused, we will try to notify you early enough so that you can make other payment arrangements. ***However, we cannot grant you any extension of time to pay.***

- **Bid form:** On the day of the sale, if you are the successful winning high bidder, you must submit (email or fax) to BLM a properly completed and signed competitive bid form (Form 3000-2) with the required payment. This form is a legally binding offer by the prospective lessee to accept a lease and all its terms and conditions. Once you sign the form, you cannot change it. The online auction system will provide the successful winning high bidder with a fillable pdf of this bid form and instructions on how to submit the form to the Nevada State Office after the auction. We will not accept any bid form that has information crossed out or is otherwise altered. **We will not issue a lease until we receive a signed copy of the bid form in accordance with 43 CFR 3202.11.** You will be shown the bid form as part of the bidder registration process, and asked to certify that you will complete and execute it should you be the successful winning high bidder. We ask that you complete the form at that time to ensure that you can meet this condition.

Your completed bid form certifies that:

(1) You and/or the prospective lessee are qualified to hold a geothermal lease under our regulations at 43 CFR 3202.11; and

(2) Both of you have complied with 18 U.S.C. 1860, a law that prohibits unlawful combinations, intimidation of, or collusion among bidders.



This notice includes a copy of the bid form, and again, you will be provided a copy during the bidder registration process and asked to assert that you agree that you will be able and willing to comply and sign it if you are the winning bidder at the close of the auction.

- **Federal acreage limitations:** Qualified individuals, associations, or corporations may only participate in a competitive lease sale and purchase Federal geothermal leases from this office if such purchase will not result in exceeding the State limit of 51,200 acres of public domain land and 51,200 acres of acquired land (30 U.S.C. 184(d)). For the purpose of chargeable acreage limitations, you are charged with your proportionate share of the lease acreage holdings of partnerships or corporations in which you own an interest greater than 10 percent. Lease acreage committed to a unit agreement, communitization agreement or development contract that you hold, own or control and acreage in leases for which royalty (including compensatory royalty or royalty-in-kind) was paid in the preceding calendar year is excluded from chargeability for acreage limitation purposes. The acreage limitations and certification requirements apply for competitive geothermal lease sales, noncompetitive lease offers, transfer of interest by assignment of record title or operating rights, and options to acquire interest in leases regardless of whether an individual, association, or corporation has received, under 43 CFR 3206.13, additional time to divest excess acreage acquired through merger or acquisition.
- **Lease Issuance:** After we receive the bid forms and all monies due, we can issue the lease. BLM issues your lease the day we sign it. Your lease goes into effect the first day of the next month after the issuance date. If you want your lease to be effective the first day of the month in which we sign it, you must request in writing to do this. The request must be received before the lease is signed.
- **Lease terms:** Leases issue for a primary term of 10 years. The Bureau of Land Management (BLM) will extend the primary term of the lease if the requirements found in the regulations at 43 CFR 3207.10 have been met. Annual rental is \$2 per acre for the first year (paid to BLM), and \$3 per acre for the second through tenth year (paid to Office of Natural Resource Revenue (ONRR), formerly the Minerals Management Service). After the tenth year, annual rent will be \$5 per acre. Rent is always due in advance. ONRR must receive annual rental payments by the anniversary date of the lease or your lease may be terminated. You will find other lease terms on our standard lease form (Form 3200-024a).
- **Split Estate:** Information regarding leasing of Federal minerals under private surface, referred to as “Split Estate,” is available at the following Washington Office website: [www.blm.gov/bmp/Split\\_Estate.htm](http://www.blm.gov/bmp/Split_Estate.htm). A Split Estate brochure is available at this site. The brochure outlines the rights, responsibilities, and opportunities of private surface owners and oil and gas operators in the planning, lease sale, permitting/development, and operations/production phases of the geothermal program.
- **Stipulations:** Some parcels are subject to surface use stipulations. They are requirements or restrictions on how you conduct operations. These stipulations are included in the parcel descriptions on the attached list. Stipulations are part of the lease and supersede any inconsistent provisions of the lease form.

All Federal geothermal lease rights are granted subject to applicable laws under Section 6 of the lease including Endangered Species Act, as amended, 16 U.S.C. 1531 *et seq.*

Each parcel included in this lease sale will be subject to the attached Endangered Species Act Section 7 Consultation Stipulation and Cultural Resource Protection Stipulation.

- **Unit and Communitization Agreements:** Parcels offered in this sale notice may fall within an authorized Unit or Communitization Agreement. If the parcel falls within an authorized Unit or Communitization Agreement, the successful bidder will be required to join the agreement.

Attached is a list of the lands we are offering by serial number, parcel number, and land description. We have included any stipulations, lease notices, special conditions, or restrictions that will be made a part of the lease at the time we issue it. We have also identified those parcels where the United States owns less than 100 percent interest in the geothermal mineral rights. For your convenience, we are including a copy of the bid form. A list of lands available for this is also available at our public Internet site:

<https://www.blm.gov/programs/energy-and-minerals/renewable-energy/geothermal-energy/regional-information/nevada>

### **How do I file a noncompetitive offer after the sale?**

Lands that do not receive a bid are available on a first-come, first-served basis for a 2-year period, beginning the day after the sale. The noncompetitive offers are handled directly by the BLM and not through the internet-based leasing website. If you want to file a noncompetitive offer on an unsold parcel, you must give us:

- Two (2) executed copies of the applicable noncompetitive lease form;
- \$435 nonrefundable administrative fee; and
- First year's advance rental (\$1.00 per acre or fraction thereof).

Submit the aforementioned items to the BLM Nevada State Office Information Access Center (Public Room) in person or by mail. We consider all offers filed the day of a sale and the first business day after it, for any of the unsold parcels, filed at the same time. If a parcel receives more than one offer, we will hold a drawing to pick the winner (see 43 CFR 1822.17).

For 30 days after the competitive geothermal lease sale, noncompetitive applications will be accepted only for parcels as configured in the Notice of Competitive Geothermal Lease Sale. Subsequent to the 30-day period, you may file a noncompetitive application for any available lands covered by the competitive lease sale, not to exceed 5,120 acres per lease.

All applications for a particular parcel will be considered simultaneously filed if received in the proper BLM office any time during the first business day following the competitive lease sale. You may submit only one application per parcel. An application will not be available for public inspection the day it is filed. BLM will randomly select an application among those accepted on the first business day to receive a lease offer.

Subsequent to the first business day following the competitive lease sale, the first qualified applicant to submit an application will be offered the lease. If BLM receives simultaneous applications as to date and time for overlapping lands, BLM will randomly select one to receive a lease offer.



### **May I amend my application for a noncompetitive lease?**

You may amend your application for a noncompetitive lease at any time before we issue the lease, provided your amended application does not add lands not included in the original application. To add lands, you must file a new application.

### **May I withdraw my application for a noncompetitive lease?**

During the 30-day period after the competitive lease sale, BLM will only accept a withdrawal of the entire application. Following that 30-day period, you may withdraw your noncompetitive lease application in whole or in part at any time before BLM issues the lease. If a partial withdrawal causes your lease application to contain less than the minimum acreage required (640 acres, or all lands available for leasing in the section, whichever is less), BLM will reject the application.

### **When is the next competitive geothermal lease sale scheduled?**

We have tentatively scheduled our next competitive sale for October 2021. We can make no guarantee as to when a given parcel will be offered for competitive sale.

### **How can I find out the results of this sale?**

The sale results will be posted on the [www.energynet.com](http://www.energynet.com) website and the BLM Nevada State Office website <https://www.blm.gov/programs/energy-and-minerals/renewable-energy/geothermal-energy/regional-information/nevada>.

Paper copies are available for viewing or purchase at the BLM Nevada State Office Information Access Center.

### **Who should I contact if I have a question?**

For more information, contact Hanna Fritz, Land Law Examiner, at (775) 861-6537.



**Kemba K. Anderson**

Chief, Branch of Mineral Resources, Fluids

**NV-20-10-001 250.450 Acres**

T.0320N, R.0230E, 21 MDM, NV  
Sec. 015 LOTS 6-7;  
016 LOTS 2-6;  
016 NWNE;  
Washoe County  
Winnemucca DO  
Stipulations:  
NV-B,C,W-00-A-LN, NV-W-01-A-TL,  
NV-W-06-B-TL, NV-W-07-D-NSO,  
NV-W-11-C-CSU

**NV-20-10-002 4505.800 Acres**

T.0100N, R.0250E, 21 MDM, NV  
Sec. 010 ALL;  
011 ALL;  
T.0110N, R.0250E, 21 MDM, NV  
Sec. 016 LOTS 1-4;  
016 S2NE,S2NW,S2;  
021 ALL;  
028 ALL;  
033 ALL;  
T.0100N, R.0250E, 21 MDM, NV  
Sec. 004 LOTS 1-4;  
004 S2NE,S2NW,S2;

Lyon County  
Carson City DO  
NATIONAL FOREST  
Stipulations:  
NV-B,C,W-00-A-LN, HTG2012-S-01,  
HTG2012-NSO-01, HTG2012-NSO-02,  
HTG2012-NSO-03, HTG2019-NSO-09,  
HTG2012-TL-02, HTG2012-TL-03,  
HTG2012-CSU-02, HTG2012-CSU-03,  
HTG2012-CSU-07

**NV-20-10-003 905.900 Acres**

T.0150N, R.0250E, 21 MDM, NV  
Sec. 024 N2,SE;  
025 W2NE;  
T.0150N, R.0260E, 21 MDM, NV  
Sec. 019 LOTS 1-8;

Lyon County  
Carson City DO  
Stipulations:  
NV-B,C,W-00-A-LN, NV-C-10-D-NSO  
NV-B,C,W-00-A-LN, NV-C-10-D-NSO

**NV-20-10-004 294.700 Acres**

T.0210N, R.0250E, 21 MDM, NV  
Sec. 002 LOTS 1-2;  
002 S2NE,SE;

Churchill County  
Winnemucca DO  
Stipulations:  
NV-B,C,W-00-A-LN, NV-W-06-B-TL,  
NV-W-07-D-NSO, NV-W-11-C-CSU,  
NV-W-11-D-NSO

**NV-20-10-010 4543.050 Acres**

T.0040N, R.0280E, 21 MDM, NV  
Sec. 009 LOTS 1-2;  
009 N2,NESW,SE;  
010 ALL;  
011 ALL;  
012 ALL;  
013 ALL;  
014 ALL;  
015 LOTS 1-3;  
015 N2,NESW,SE;  
016 LOTS 1-4;  
016 NENE;

Mineral County  
Carson City DO  
NATIONAL FOREST  
Stipulations:  
NV-B,C,W-00-A-LN, HTG2012-NSO-01,  
HTG2019-NSO-09, HTG2012-TL-02,  
HTG2012-TL-03, HTG2019-TL-06,  
HTG2012-CSU-07

**NV-20-10-013 523.020 Acres**

T.0050N, R.0300E, 21 MDM, NV  
Sec. 001 LOTS 1-4;  
001 SWNE,S2NW,SW,W2SE;

Mineral County  
Carson City DO  
NATIONAL FOREST  
Stipulations:  
NV-B,C,W-00-A-LN, HTG2012-S-01,  
HTG2012-TL-02, HTG2012-TL-03

**NV-20-10-014 2600.000 Acres**

T.0050N, R.0300E, 21 MDM, NV  
Sec. 011 ALL;  
012 NWNE,W2;  
013 W2NW,W2SW;  
014 ALL;  
023 ALL;  
026 W2NE,W2SE;

Mineral County  
Carson City DO  
NATIONAL FOREST  
Stipulations:  
NV-B,C,W-00-A-LN, HTG2012-S-01,  
HTG2012-NSO-01, HTG2012-NSO-02,  
HTG2012-NSO-03, HTG2019-NSO-09,  
HTG2012-TL-02, HTG2012-TL-03,  
HTG2012-CSU-03, HTG2012-CSU-07

**NV-20-10-015 1964.000 Acres**

T.0170N, R.0300E, 21 MDM, NV  
Sec. 022 PROT ALL;  
027 PROT ALL;  
034 SW;  
034 PROT N2,SE;

Churchill County  
Carson City DO  
Stipulations:  
NV-B,C,W-00-A-LN, NV-C-06-B-TL,  
NV-B,C-11-A-CSU, NV-C-11-B-NSO

**NV-20-10-019**            **2596.210 Acres**  
T.0160N, R.0310E, 21 MDM, NV  
Sec. 004    LOTS 1-7;  
004    SWNE,S2NW,SW,W2SE;  
005    LOTS 1-4;  
005    S2NE,S2NW,S2;  
008    ALL;  
009    LOTS 1-4;  
009    W2NE,W2,W2SE;  
Churchill County  
Carson City DO  
Stipulations:  
NV-B,C,W-00-A-LN, NV-B,C-11-A-CSU,  
NV-C-11-B-NSO

**NV-20-10-020**            **795.490 Acres**  
T.0170N, R.0310E, 21 MDM, NV  
Sec. 005    SW;  
005    PROT SE;  
006    LOTS 3-7;  
006    SENW,E2SW,SE;  
Churchill County  
Carson City DO  
Stipulations:  
NV-B,C,W-00-A-LN, NV-C-10-D-NSO,  
NV-C-06-B-TL

**NV-20-10-021**            **2539.220 Acres**  
T.0170N, R.0310E, 21 MDM, NV  
Sec. 009    PROT ALL;  
031    LOTS 1-4;  
031    NENE,S2NE,E2NW,E2SW,SE;  
032    ALL;  
033    ALL;  
Churchill County  
Carson City DO  
Stipulations:  
B,C,W-00-A-LN, NV-C-10-D-NSO,  
NV-C, W-10-B-CSU

**NV-20-10-022**            **3109.220 Acres**  
T.0360N, R.0330E, 21 MDM, NV  
Sec. 014    ALL;  
022    ALL;  
024    ALL;  
026    ALL;  
T.0360N, R.0340E, 21 MDM, NV  
Sec. 030    LOTS 1-2,5-8;  
030    NE,E2NW,W2SE;  
Humboldt County  
Winnemucca DO  
Stipulations:  
NV-B,C,W-00-A-LN, NV-W-06-B-TL,  
NV-C, W-10-B-CSU, NV-W-11-C-CSU

**NV-20-10-024**            **1600.000 Acres**  
T.0260N, R.0370E, 21 MDM, NV  
Sec. 025    S2;  
035    ALL;  
036    ALL;  
Pershing County  
Winnemucca DO  
Stipulations:  
NV-B,C,W-00-A-LN, NV-W-05-A-LN,  
NV-W-06-B-TL, NV-W-11-C-CSU,  
NV-W-11-D-NSO

**NV-20-10-026**            **2520.240 Acres**  
T.0010N, R.0382E, 21 MDM, NV  
Sec. 019    PROT ALL;  
020    PROT ALL;  
029    LOTS 1-4;  
029    N2,W2SW,E2SE;  
030    ALL;  
Esmeralda County  
Battle Mountain DO  
Stipulations:  
NV-B,C,W-00-A-LN, NV-B-08-D-NSO,  
NV-B,C-11-A-CSU, NV-B-13-A-LN,  
NV-B-14-A-LN, NV-B-15-A-LN

**NV-20-10-027**            **2361.030 Acres**  
T.0010N, R.0382E, 21 MDM, NV  
Sec. 021    PROT ALL;  
028    LOTS 1-4;  
028    W2;  
T.0010N, R.0390E, 21 MDM, NV  
Sec. 030    PROT ALL;  
031    LOTS 1-18;  
031    NE,E2NW;  
Esmeralda County  
Battle Mountain DO  
Stipulations:  
NV-B,C,W-00-A-LN, NV-B-08-D-NSO,  
NV-B-13-A-LN, NV-B-14-A-LN

**NV-20-10-028**            **2364.350 Acres**  
T.0010N, R.0382E, 21 MDM, NV  
Sec. 031    LOTS 1-16;  
031    N2;  
032    LOTS 1-16;  
032    N2;  
033    LOTS 1-14;  
033    NW;  
Esmeralda County  
Battle Mountain DO  
Stipulations:  
NV-B,C,W-00-A-LN, NV-B-08-D-NSO,  
NV-B,C-11-A-CSU, NV-B-13-A-LN,  
NV-B-14-A-LN, NV-B-15-A-LN

**NV-20-10-029**            **960.000 Acres**  
T.0350N, R.0430E, 21 MDM, NV  
Sec. 020    ALL;  
028    NWNE,N2NW,SWNW,W2SW;  
032    E2NE;  
Humboldt County  
Winnemucca DO  
SPLIT ESTATE  
Stipulations:  
NV-B,C,W-00-A-LN, NV-W-06-B-TL,  
NV-W-07-D-NSO

**NV-20-10-030**            **1200.000 Acres**  
T.0350N, R.0430E, 21 MDM, NV  
  Sec. 022    ALL;  
      028    NENE,S2NE,SENW,E2SW,SE;  
      032    W2NE,N2NW;  
Humboldt County  
Winnemucca DO  
Stipulations:  
NV-B,C,W-00-A-LN, NV-W-06-B-TL,  
NV-W-07-D-NSO, NV-W-11-C-CSU

Number of Parcels - 18

Total Acreage - 35632.680

**BLM Nevada Standard Lease Notices**  
**(NV-B,C,W-00-A-LN)**

These lease 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 geothermal 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 Battle Mountain District Office, Division of Fire and Aviation at (775) 635-4000 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.

**Fossils (PFYC-5)**  
**(#NV-B-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.

NV-B-08-D-NSO	Fossils (PFYC-5)
Parcel #	Legal Land Description
NV-20-10-026	T.0010N, R.0382E, M.D.M., NV; Sec. 019 PROT E2, SW, SENW, S2SWNW, SENENW; 020 PROT All; 029 LOTS 1-4
NV-20-10-027	T.0010N, R.0382E, M.D.M., NV; Sec. 021 PROT S2, NW; T.0010N, R.0390E, M.D.M., NV; Sec. 030 PROT S2NW, N2SW, SWSW; 031 LOTS 1-11, LOT 14, E2NW, NE
NV-20-10-028	T.0010N, R.0382E, M.D.M. NV; Sec. 031 LOTS 1-6, LOT 7, LOTS 9-11, LOTS 14-16, N2; 32 LOTS 4-5, LOTS 12-13, NW, N2NE, SWNE; 33 LOTS 1-4, LOT 7, LOTS 9-10, LOTS 13-14, NW

**Soil Slopes > 30 and < 41 percent  
(#NV-B, C-11-A-CSU)**

**Stipulation:** Controlled Surface Use (CSU) applies to lands with slopes greater than 30 percent and less than 41 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 30 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 30 percent.

<b>Parcel #</b>	<b>Legal Description</b>
NV-20-10-021	T. 0170N, R. 0310E, 21 MDM, NV Sec. 031 NENW; 033 S2SE;
NV-20-10-026	T.0010N, R.0382E, 21 MDM, NV Sec. 019 PROT ALL; 020 PROT ALL; 029 LOTS 1-4.

NV-20-10-028

T.0010N, R.0382E, 21 MDM, NV

Sec. 031 NW, NWNE, SWNE; LOTS 3-4; 032  
NENW, NE, S2NW, LOTS 3-4;  
033 N2NW.

**Lease Notice – Existing Right of Way  
(#NV-B-13-A-LN)**

This parcel contains one or more existing Rights of Way (ROW). For more information regarding these ROWs, please contact [Wendy Seley 775-482-7805].

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.

<b>NV-B-13-A-LN</b>	<b>Existing Right of Way</b>
<b>Parcel #</b>	<b>Legal Land Description</b>
NV-20-10-026	T.0010N, R.0382E, 21 MDM, NV Sec. 019 PROT NE; 029 LOTS 1-4;
NV-20-10-027	T.0010N, R.0390E, 21 MDM, NV Sec. 030 PROT NENE;
NV-20-10-028	T.0010N, R.0382E, 21 MDM, NV Sec. 031 LOTS 12-13;

**Lease Notice - Solid Mineral Leasing**  
**(#NV-B-14-A-LN)**

Provisions of the Mineral Leasing Act (MLA) of 1920, as amended by the Solid Mineral 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 Solid Mineral lease for 10 years beginning on or after August 4, 1976, and who is not producing solid minerals in commercial quantities from each such lease, cannot qualify for the issuance of any other lease granted under the MLA. Compliance by solid mineral 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 qualification concerning Federal solid mineral 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 denial or disapproval by State Office of a pending solid mineral 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.

<b>NV-B-14-A-LN</b>	<b>Existing Solid Mineral Lease</b>
<b>Parcel #</b>	<b>Legal Land Description</b>
NV-20-10-27	T.0010N, R.0390E, 21 MDM, NV Sec. 031 LOTS 1-18;
NV-20-10-28	T.0010N, R.0382E, 21 MDM, NV Sec. 032 LOTS 1-16; Sec. 033 LOTS 1-14;
NV-20-10-26	T.0010N, R.0382E, 21 MDM, NV Sec. 029 LOTS 3-4;



**Lease Notice – Existing Geothermal Wells  
(#NV-B-15-A-LN)**

This parcel contains one or more shut-in geothermal wells. For more information regarding these wells, please contact [Tonopah Field Office at 775-482-7800].

The successful bidder will be recognized as the operator of the well and will be responsible for complying with all applicable regulations. Prior to issuance of the lease for this parcel, the successful bidder must provide adequate bond coverage in accordance with 43 CFR 3214.

<b>NV-B-15-A-LN</b>	<b>Existing Geothermal Wells</b>
<b>Parcel #</b>	<b>Legal Land Description</b>
NV-20-10-026	T.0010N, R.0382E, 21 MDM, NV Sec. 019 PROT ALL; 029 LOTS 1-4; 029 SENW, SWNE; 029 NWSW 29 NESE, SESE 30 NWNW.
NV-20-10-028	T.0010N, R.0382E, 21 MDM, NV Sec. 032 NENW, NWNE.

**Playas**  
**(#NV-C-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. Any modification authorized by this stipulation is subject to 43 C.F.R. 3101.1-4, including provisions requiring public review for issues of major public concern, or substantial modifications.

**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. Any waiver authorized by this stipulation is subject to 43 C.F.R. 3101.1-4, including provisions requiring public review for issues of major public concern, or substantial waivers.

<b>Parcel #</b>	<b>Legal Description</b>
NV-20-10-003	T. 0150N, R. 0250E, 21 MDM, NV Sec. 024 NE, E2NW, SE; Sec. 025 NWNE; T. 0150N, R. 0260E, 21 MDM ,NV Sec. 019 W2NE, NW;
NV-20-10-020	T. 0170N, R. 0310E, 21 MDM, NV Sec. 005 L3, S2SW; Sec. 006 S2NW, SE, SW;
NV-20-10-021	T. 0170N, R. 0310E, 21 MDM, NV Sec. 009 W2SW; Sec. 031 L1, L2, SWNE E2NE; Sec. 032 N2 N2SE; Sec. 033 N2, SE, N2SW;

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

**Stipulation:** Timing Limitation. No surface activity from March 1 through August 31 within 0.5 mile of a raptor nest site which has been active within the past five years.

**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. Any modification authorized by this stipulation is subject to 43 C.F.R. 3101.1-4, including provisions requiring public review for issues of major public concern, or substantial modifications.

**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. Any waiver authorized by this stipulation is subject to 43 C.F.R. 3101.1-4, including provisions requiring public review for issues of major public concern, or substantial waivers.

	<u><b>Parcel #</b></u>	<u><b>Legal Description</b></u>
NV-20-10-015		T. 0170N, R. 0300E, 21 MDM, NV Sec. 027 NWSW;
NV-20-10-020		T. 0170N, R. 0310E, 21 MDM, NV Sec. 006 L3;

**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.

<b>Species</b>	<b>Location</b>	<b>Distance of Spatial Buffer Zone/Type of Restriction</b>	<b>Restriction Dates</b>
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
Prarie 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.

<b>Parcel #</b>	<b>Legal Land Description</b>
NV-20-10-001	ALL LANDS
NV-20-10-004	ALL LANDS
NV-20-10-022	ALL LANDS
NV-20-10-024	ALL LANDS
NV-20-10-029	ALL LANDS
NV-20-10-030	ALL LANDS

**Riparian Habitat Buffer**  
**(#NV-C,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. Any modification authorized by this stipulation is subject to 43 C.F.R. 3101.1-4, including provisions requiring public review for issues of major public concern, or substantial modifications.

**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. Any waiver authorized by this stipulation is subject to 43 C.F.R. 3101.1-4, including provisions requiring public review for issues of major public concern, or substantial waivers.

<b>Parcel #</b>	<b>Legal Description</b>
NV-20-10-015	T. 0170N, R. 0300E, 21 MDM, NV Sec. 022 W2SE; Sec. 027 NE, W2NW,SE,SW; Sec. 034 N2, SW, N2SE, SESE;
NV-20-10-019	T. 0160N, R. 0310E, 21 MDM, NV Sec. 008 NW, SW, NWSE; Sec. 017 NW; Sec. 018 NE, SW, NW;



NV-20-10-022

T.0360N, R.0330E, 21 MDM, NV

Sec. 014 ALL;

022 ALL;

024 ALL;

026 ALL;

T.0360N, R.0340E, 21 MDM, NV

Sec. 030 LOTS 1-2,5-8;

030 NE,E2NW,W2SE;

**Soil Slopes >40 percent**  
**(#NV-C-11-B-NSO)**

**Stipulation:** No Surface Occupancy (NSO) on slopes greater than 40 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. Any modification authorized by this stipulation is subject to 43 C.F.R. 3101.1-4, including provisions requiring public review for issues of major public concern, or substantial modifications.

**Waiver:** The restriction may be waived if it is determined that the described lands do not include lands with slopes greater than 40 percent. This determination shall be based upon USGS mapping and a BLM evaluation of the area. Any waiver authorized by this stipulation is subject to 43 C.F.R. 3101.1-4, including provisions requiring public review for issues of major public concern, or substantial waivers.

<b>Parcel #</b>	<b>Legal Description</b>
NV-20-10-015	T. 0170N, R. 0300E, 21 MDM, NV Sec. 022            SENW, SWSW, N2SE, SESE; Sec. 027 E2NE, S2NW, SW, NESE; Sec. 034 SENE NW, SW, NESE;
NV-20-10-019	T. 0160N, R. 0310E, 21 MDM, NV Sec. 008            NW, SW, NWSE, S2SE;

**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**

NV-20-10-001

T.0320N, R.0230E, 21 MDM, NV  
Sec. 016 LOT 2;  
016 NWNE;

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

**Objective:** Protection of Wild Horses and Burros

Wild horse or burro populations are known to use some or all of the proposed lease area. If proposed fluid mineral activities are to occur in horse management areas (HMA) it may be necessary to avoid or develop mitigation measures to reduce adverse impacts to 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. Additional specific measures to protect horses and burros may be developed during review of proposals.

**Parcel#**

**Legal Land Description**

NV-20-10-024

T.0260N, R.0370E, 21 MDM, NV  
Sec. 025 S2;  
034 SE;  
035 ALL;  
036 ALL;

**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 1/8-mile on either side of the center line of the trail (for a total of a 1/4-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.

<b>Parcel #</b>	<b>Legal Land Description</b>
NV-20-10-001	T.0320N, R.0230E, 21 MDM, NV Sec. 015 LOTS 6-7; 016 LOTS 2-6; 016 NWNE;
NV-20-10-004	T.0210N, R.0250E, 21 MDM, NV Sec. 002 LOTS 1-2; 002 S2NE,SE;
NV-20-10-029	T.0350N, R.0430E, 21 MDM, NV

Sec. 020 ALL;  
028 NWNE, N2NW, SWNW, W2SW;  
032 E2NE;

NV-20-10-030

T.0350N, R.0430E, 21 MDM, NV

Sec. 022 ALL;  
028 NENE, S2NE, SENW, E2SW, SE;  
032 W2NE, N2NW;

**Soil Slopes 15 - 50 percent**  
**(#NV-W-11-C-CSU)**

**Stipulation:** Controlled Surface Use (CSU) Controlled Surface Use will be applied to lands with slopes greater than 15% and less than 50% (As mapped by the USGS 1:24,000 scale topographic maps or as determined by a BLM). Prior to surface disturbance on slopes greater than 15% a site –specific construction, stabilization, and reclamation 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 BLM 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. At locations where interim reclamation will be completed, this will be accomplished by re-spreading the 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:** The BLM authorized officer may grant an exception of 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 does not exceed 15%, so that the proposed action would not result in a failure to meet the performance standards listed above.

**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 15%. This determination shall be based upon USGS mapping and a BLM evaluation of the area.

**Parcel #**

**Legal Land Description**

NV-20-10-001

T.0320N, R.0230E, 21 MDM, NV  
Sec. 016 LOT 2;  
016 NWNE;

NV-20-10-024

T.0260N, R.0370E, 21 MDM, NV  
Sec. 025 S2;  
34 SE;  
35 ALL;  
36 ALL;

NV-20-10-004

T.0210N, R.0250E, 21 MDM, NV  
Sec. 002 LOTS 1-2;  
002 S2NE,SE;

NV-20-10-022

T.0360N, R.0330E, 21 MDM, NV  
Sec. 014 NENE; SWNE; NENW; SENE  
022 NENW;  
026 SWNE; NESW; NESW;

NV-20-10-030

T.0350N, R.0430E, 21 MDM, NV  
Sec. 032 W2NE, N2NW;



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

**Stipulation:** No Surface Occupancy (NSO) will be applied to slopes greater than 50% (as mapped by the USGS 1:24,000 scale topographic maps or as determined by a BLM evaluation of the area).

**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.

<b>Parcel #</b>	<b>Legal Land Description</b>
NV-20-10-024	T.0260N, R.0370E, 21 MDM, NV Sec 034 SE
NV-20-10-004	T.0210N, R.0250E, 21 MDM, NV Sec. 002 LOTS 1-2; 002 S2NE,SE;

# **FOREST SERVICE STIPULATIONS**

STANDARD STIPULATION FOR LANDS OF THE NATIONAL FOREST SYSTEM  
UNDER JURISDICTION OF  
DEPARTMENT OF AGRICULTURE

The licensee/permittee/lessee must comply with all the rules and regulations of the Secretary of Agriculture set forth at Title 36, Chapter II, of the Code of Federal Regulations governing the use and management of the National Forest System (NFS) when not inconsistent with the rights granted by the Secretary of the Interior in the license/prospecting permit/lease. The Secretary of Agriculture's rules and regulations must be complied with for (1) all use and occupancy of the NFS prior to approval of a permit/operation plan by the Secretary of the Interior, (2) uses of all existing improvements, such as Forest development roads, within and outside the area licensed, permitted or leased by the Secretary of the Interior, and (3) use and occupancy of the NFS not authorized by a permit/operating plan approved by the Secretary of the Interior.

All matters related to this stipulation are to be addressed to:

William Dunkelberger, Forest Supervisor  
Humboldt-Toiyabe National Forest  
1200 Franklin Way, Sparks NV 89431  
Telephone No.: 775-355-5310

who is the authorized representative of the Secretary of Agriculture.

BLM Field Office  
Bureau of Land Management  
Carson City District Office  
775-885-6000

Management Agency  
USDA Forest Service - Region 4,  
Humboldt-Toiyabe National Forest

**NO SURFACE OCCUPANCY STIPULATION**  
**Slopes > 40%**  
**HTG2012-NSO-01**

**No surface occupancy or use is allowed on the lands described below (legal subdivision or other description).**

<b>Parcel#</b>	<b>Legal Land Description</b>
NV-20-10-002	T.0100N., R.0250E, 21 MDM, NV Sec. 004 E2; 010 N2,S2; 011 N2,S2;  T.0110N., R.0250E., MDM, NV Sec. 016 W2,SE; 021 N2,S2; 028 N2,S2; 033 N2,S2;
NV-20-10-010	T.0040N., R.0280E., 21 MDM, NV Sec. 009 NW,E2SW,W2NE,SENE,W2SE; 013 SWSE; 014 S2NW,SW,W2SE,SESE; 015 S2NE,SE,SENE,SENE,SENE; 016 NWNE,NENW;
NV-20-10-014	T.0050N., R.0300E., 21 MDM, NV Sec. 011 N2NW,SWNW; 014 SWNW,W2SW; 023 W2NW,SENE,SW; 026 NW,W2SW,NESW;

**For the purpose of:**

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 reclamation.

**Exceptions:** An exception may be consented to by the Authorized Officer of the Forest Service if it can be demonstrated that the surface-disturbing activity:

1. would not cause adverse impacts or would have negligible impacts on the resource or resource use that the stipulation was designated to protect; or
2. would improve the protected resource or resource use as defined by the Forest Plan objectives, standards, or conditions in the stipulation; or
3. is necessary to meet health and safety objectives such as fire suppression or fire emergency stabilization and rehabilitation.

In situations where a surface-disturbing activity is excepted, the activity could be subject to additional

conditions of approval, reclamation measures, or BMPs. Measures required would be based on the nature and extent of resource values potentially affected by the surface-disturbing activity. Excepted surface-disturbing activities/lease stipulations are granted on a one-time case-by-case basis and will not necessarily constitute subsequent approvals.

**Modifications:** A 30-day public notice and comment period may be required before modification of a stipulation.

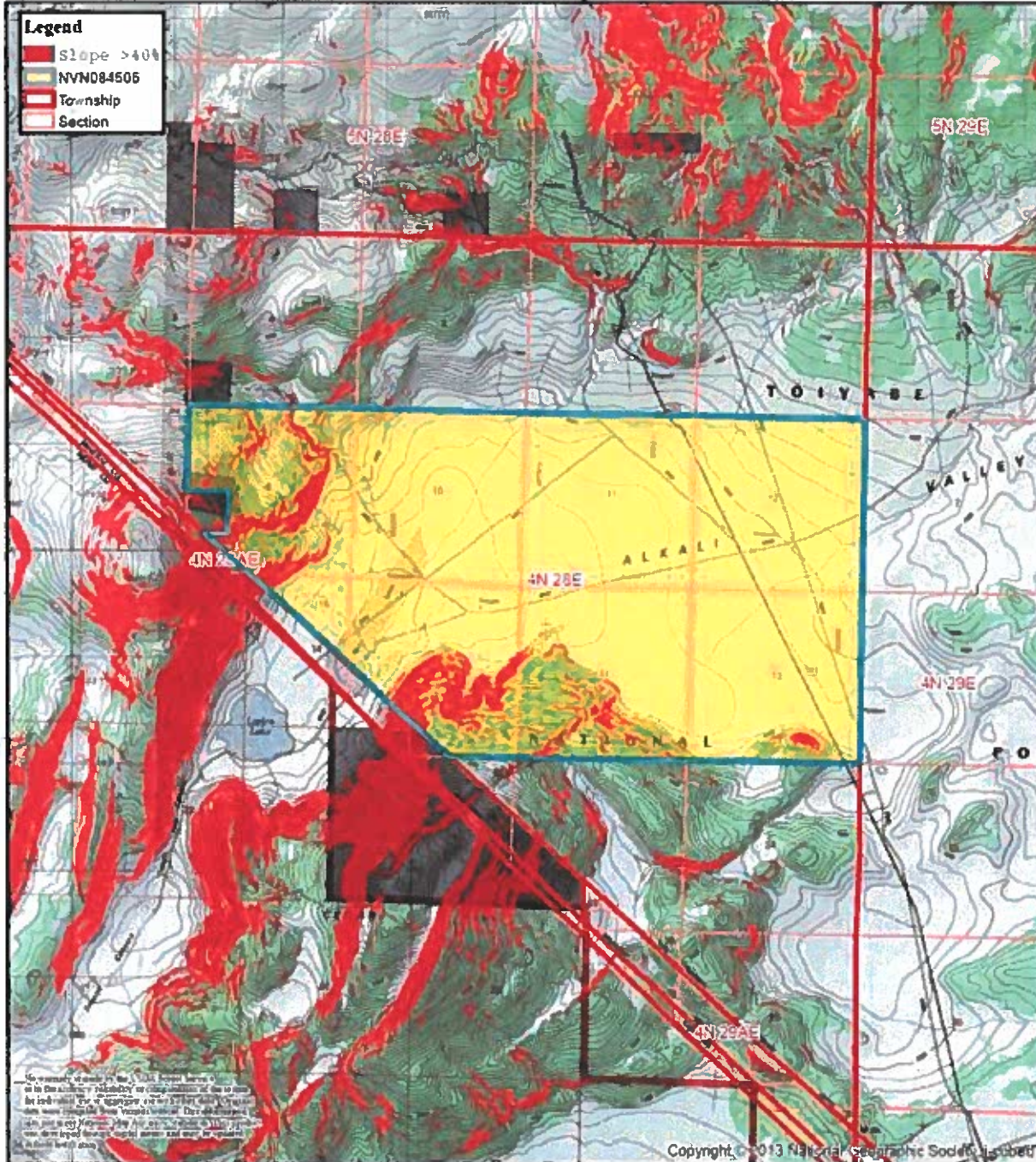
**Waiver:** No consent to permanent exemptions or waivers will be given unless the areas mapped as possessing the attributes are field verified by Forest Service staff to lack those attributes.


**Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).**

USDA Forest Service  
ADMINISTRATIVE REVIEW OF PROPOSED GEOTHERMAL LEASE PARCEL


FS Parcel No.: \_\_\_\_\_


Bridgeport Geothermal Parcels  
IIT2012-NSO-01: Slopes >40%




  
**Humboldt-Toiyabe National Forest**  
1200 Franklin Way  
Sparks, NV 89431

Excelsior Mountains, NV  
USGS 100k Quadrangle  
T.04 N., R.28 E., sec. 9-16

  
1:50,000  
Date: 9/1/2017

  
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Miles

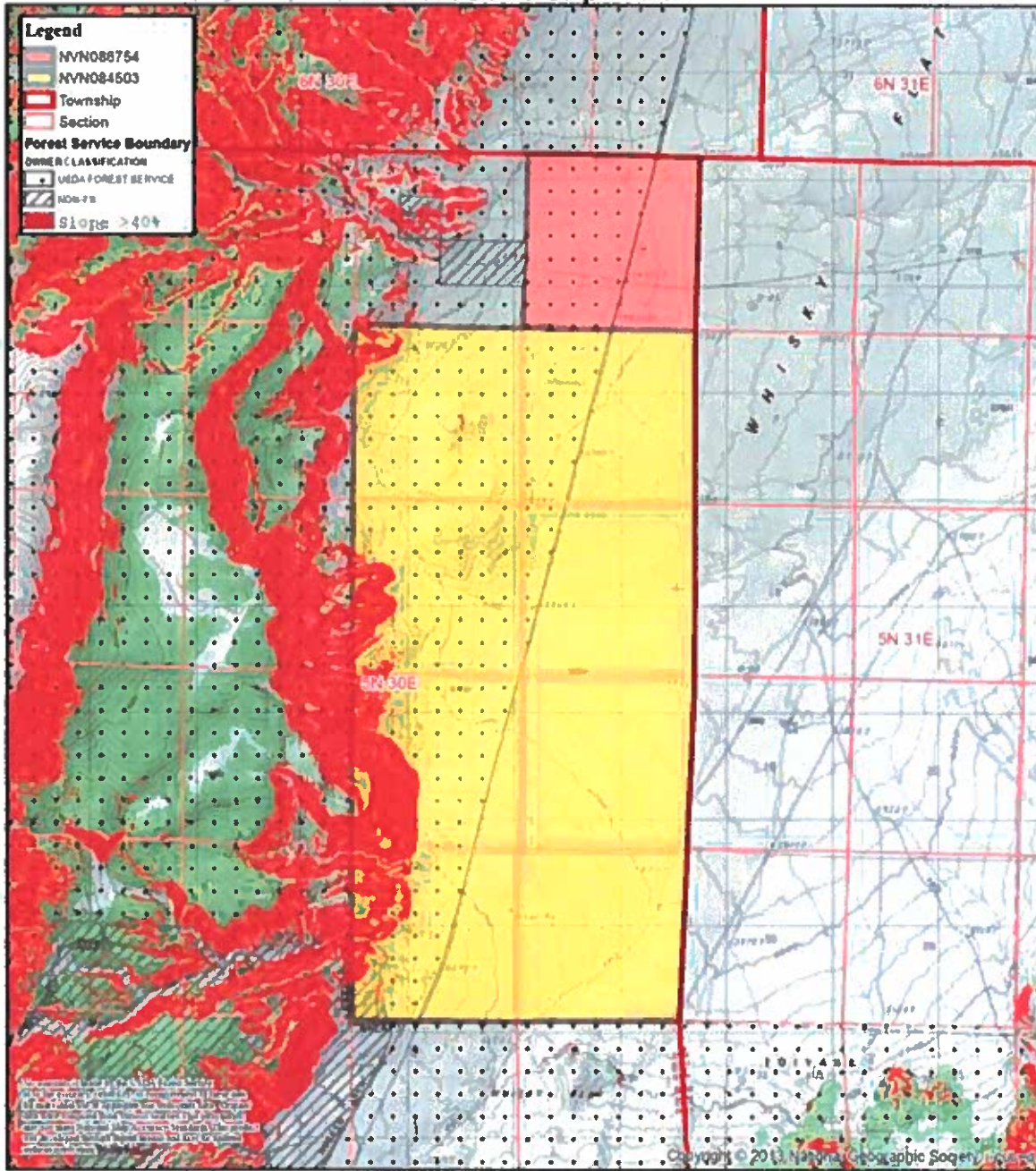





USDA Forest Service  
ADMINISTRATIVE REVIEW OF PROPOSED GEOTHERMAL LEASE PARCEL

Parcel No.: \_\_\_\_\_


**Bridgeport Geothermal Parcels**  
**HT2012-NSO-01: Slopes >40%**



 **Excelsior Mountains, NV**  
USGS 100k Quadrangle  
T.5 N., R.30 E., sec. 1, 11-14, 23-26

**Humboldt-Toiyabe National Forest**  
1200 Franklin Way  
Sparks, NV 89431

Scale: 0 0.5 1 2 Miles  
North Arrow  
1:50,000  
Date: 8/30/2017

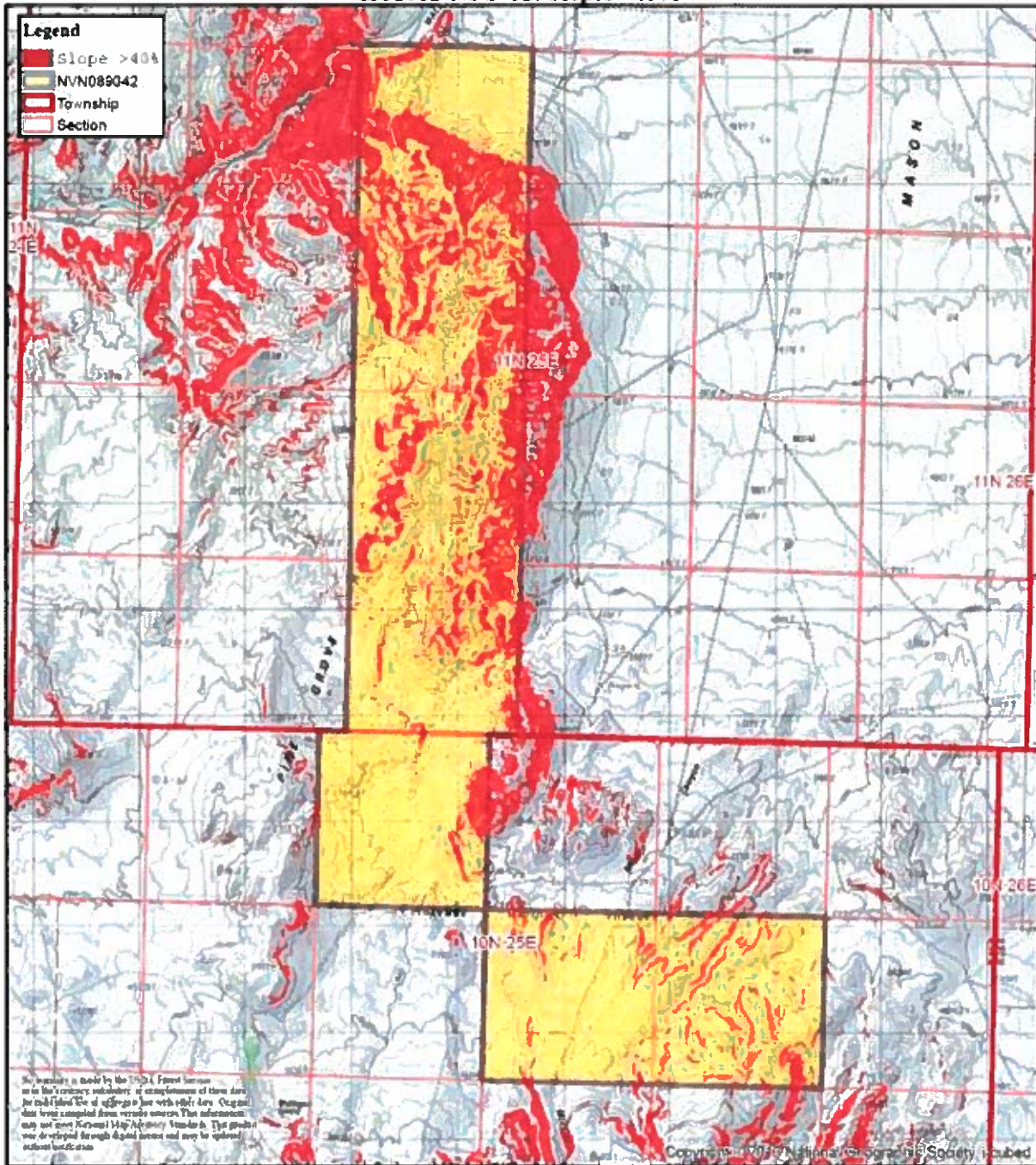





USDA Forest Service  
ADMINISTRATIVE REVIEW OF PROPOSED GEOTHERMAL LEASE PARCEL


FS Parcel No.: \_\_\_\_\_


**Bridgeport Geothermal Parcels**  
**HT2012-NSO-01: Slopes >40%**




  
**Humboldt-Toiyabe National Forest**  
1200 Frankln Way  
Sparks, NV 89431

Smith Valley, NV  
USGS 100k Quadrangle  
T.11 N., R.25 E., sec. 16, 21, 28, 33  
T.10 N., R.25 E., sec. 4, 10-11

  
1:50,000  
Date 8/30/2017

  
0 0.5 1 Miles





**NO SURFACE OCCUPANCY STIPULATION**  
**Greater Sage-Grouse Bi-State Distinct Population Segment Habitat**  
**HTG2019-NSO-09**

**No surface occupancy or use is allowed on the lands described below (legal subdivision or other description).**

<b>Parcel#</b>	<b>Legal Land Description</b>
NV-20-10-002	T.0100N., R.0250E., 21 MDM, NV Sec. 010 SESW,S2SE; 011 SWSW,SESW;
NV-20-10-010	T.0040N., R.0280E., 21 MDM, NV Sec. 009 ALL; 010 ALL; 011 ALL; 012 ALL; 013 NE,NW,N2SE,N2SW,SWSW, 013 SESE,SESW,SWSE; 014 NE,NESE,SESE,NWSE, 014 SENW,SWNW; 015 N2NE,N2NW,SWNW,SENE, 015 SWNE,SESW,NESW,NWSW; 016 LOTS 1-4; 016 NENE;
NV-20-10-014	T.0050N., R.0300E., 21 MDM, NV Sec. 026 S2SE;

**For the purpose of:**

Protecting all Greater Sage-Grouse Bi-State Distinct Population Segment (BSSG) habitat.

**Exceptions:** None.

**Modifications:** None.

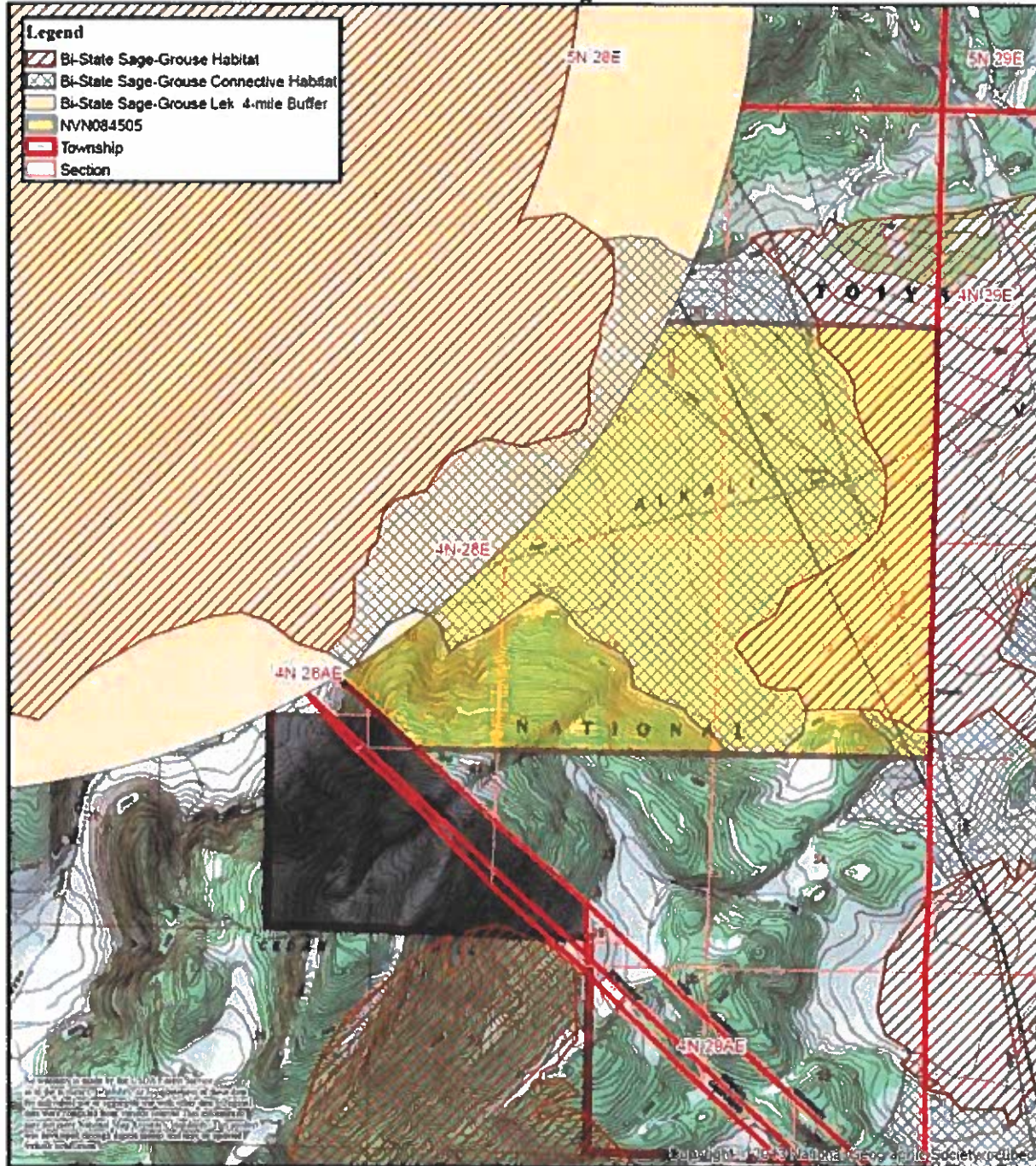
**Waiver:** None.


**Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).**

USDA Forest Service  
ADMINISTRATIVE REVIEW OF PROPOSED GEOTHERMAL LEASE PARCEL


FS Parcel No.: \_\_\_\_\_


**Bridgeport Geothermal Parcels**  
**HT2012-NSO-10: Bi-State Sage-Grouse Habitat**




  
**Humboldt-Toiyabe National Forest**  
1200 Franklin Way  
Sparks, NV 89431

Excelsior Mountains, NV  
USGS 100k Quadrangle  
T.04 N., R.28 E., sec. 9-16

  
1:40,000  
Date: 1/24/2018

  
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Miles

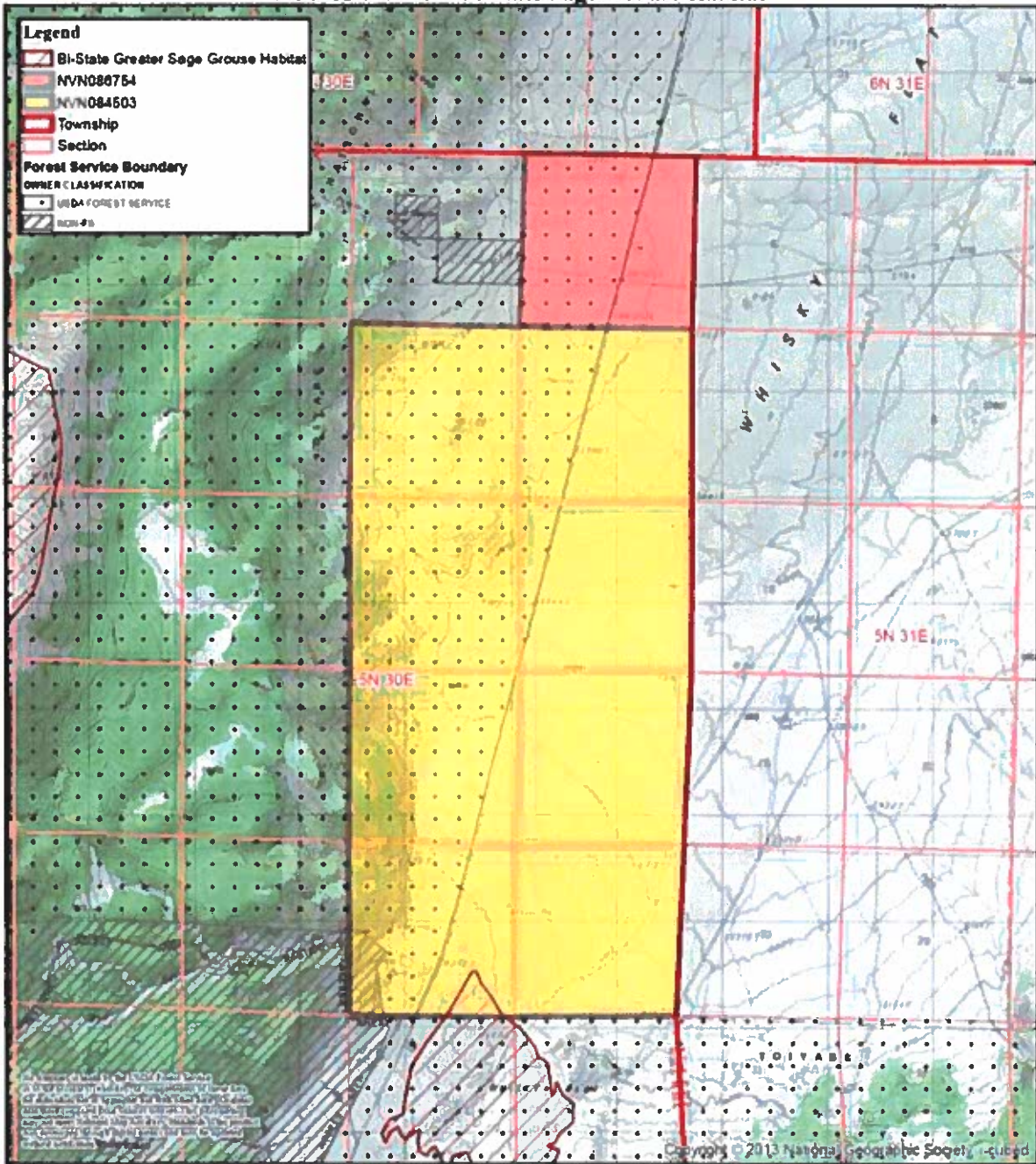




USDA Forest Service  
 ADMINISTRATIVE REVIEW OF PROPOSED GEOTHERMAL LEASE PARCEL

FS Parcel No.: \_\_\_\_\_

**Bridgeport Geothermal Parcels**  
**HT2012-NSO-10: Bi-State Sage-Grouse Habitat**



	<p>Excelsior Mountains, NV          USGS 100k Quadrangle          T.5 N., R.30 E., sec. 1, 11-14, 23-26</p>		
<p><b>Humboldt-Toiyabe National Forest</b>          1200 Franklin Way          Sparks, NV 89431</p>		<p>1:50,000          Date: 8/30/2017</p>	

**CONTROLLED SURFACE USE STIPULATION**  
**Inventoried Roadless Areas**  
**HTG2012-CSU-07**

**Surface occupancy or use is subject to the following special operating constraints.**

No new road construction or road reconstruction may occur within the portion of the lease that occurs in Inventoried Roadless Areas per 36 CFR Part 294.12(a).

**On the lands described below:**

<b>Parcel#</b>	<b>Legal Land Description</b>
NV-20-10-002	T.0100N., R.0250E., 21 MDM, NV Sec. 004 NE,NESW,E2NW,N2SE, 004 W2NW,W2SW,S2SE; 010 NW,W2SW,S2SE,NESE, 010 E2SW,N2NE,SWNE,NWSE; 011 ALL;
	T.011N., R.0250E., 21 MDM, NV Sec. 016 SW,SENE,SWNE,W2SE,SESE, 016 NW,N2NE,NESE,SENE; 021 ALL; 028 ALL; 033 ALL;
NV-20-10-010	T.0040N., R.0280E., 21 MDM, NV Sec. 009 SE,N2NW,W2NE,S2NW, 009 SENE,SW; 010 NE,W2NW,NWNW,SWNW, 010 SW,W2SE,NESE; 011 NWNW,SWNW,NENW,N2NE,SENE; 012 NE,SESE,SWNW,NWSW,W2NW,SE; 013 E2NE,NESE; 015 N2NW,SWNW; 016 N2NE,S2NE,NENW;
NV-20-10-014	T.0050N., R.0300E., 21 MDM, NV Sec. 011 W2NW,E2NW,W2SW,NWNE; 014 SW,S2SE,SWNW, 014 N2NW,SENE,N2SE; 023 W2,N2NE,NWSE, 023 S2SW,NESW,NWSE,W2NE; 026 NW,NWSW, 026 S2SW,NESW,NWSE,W2NE;

**For the purpose of:**

Protecting designated Inventoried Roadless Areas.

**Exceptions:** A road may be constructed or reconstructed if the Forest Service Responsible Official determines that one of the circumstances in 36 CFR 294.12(b) exists.

**Modifications:** This stipulation is not subject to modification.

**Waiver:** This stipulation is not subject to waiver.

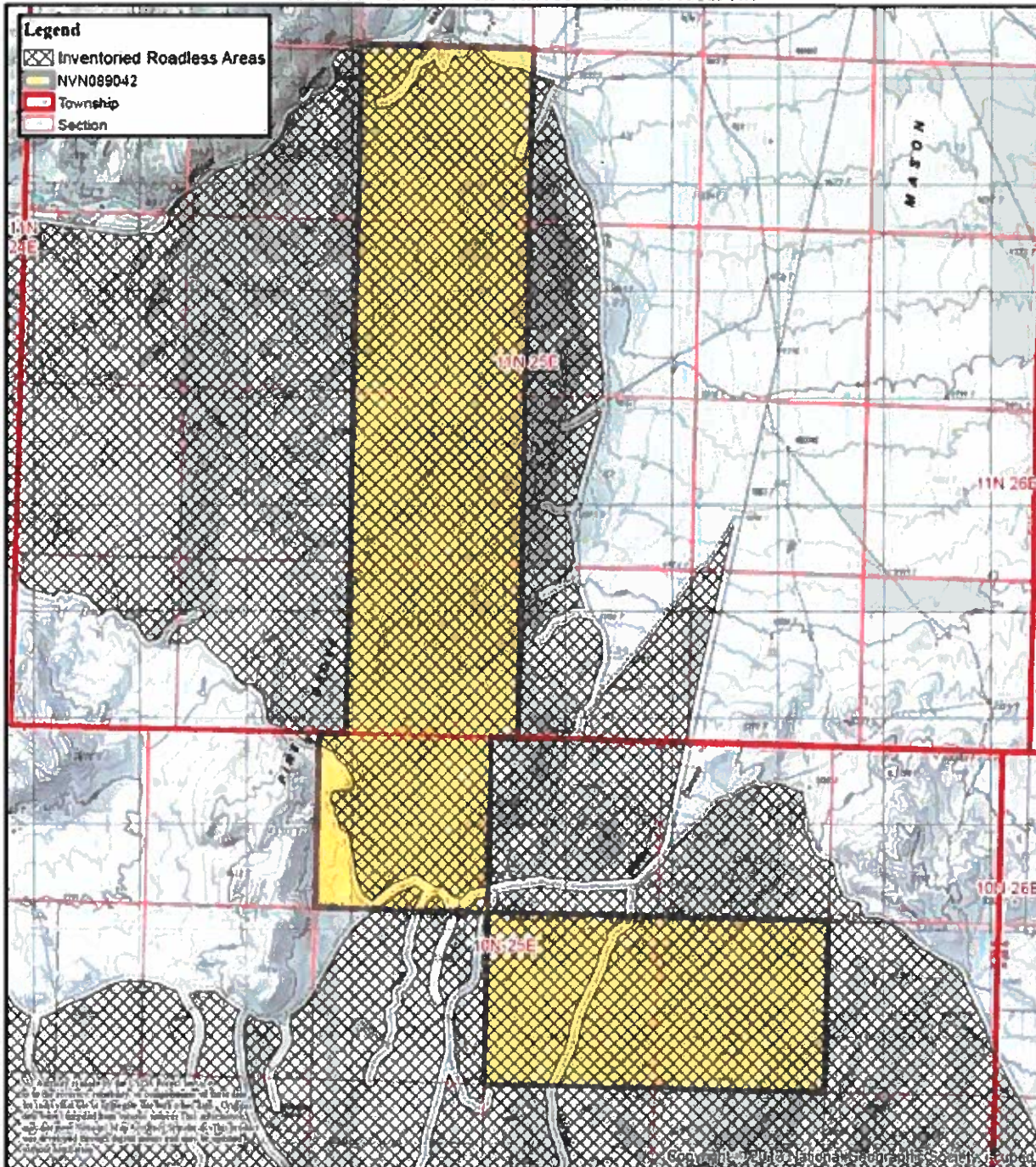
**Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.**



USDA Forest Service  
ADMINISTRATIVE REVIEW OF PROPOSED GEOTHERMAL LEASE PARCEL

FS Parcel No.: \_\_\_\_\_

**Bridgeport Geothermal Parcels**  
**HT2012-CSU-07: Inventoried Roadless Areas**



**Humboldt-Toiyabe National Forest**  
1200 Franklin Way  
Sparks, NV 89431

Smith Valley, NV  
USGS 100k Quadrangle  
T.11 N., R.25 E., sec. 16, 21, 28, 33  
T.10 N., R.25 E., sec. 4, 10-11



1:50,000  
Date: 8/30/2017

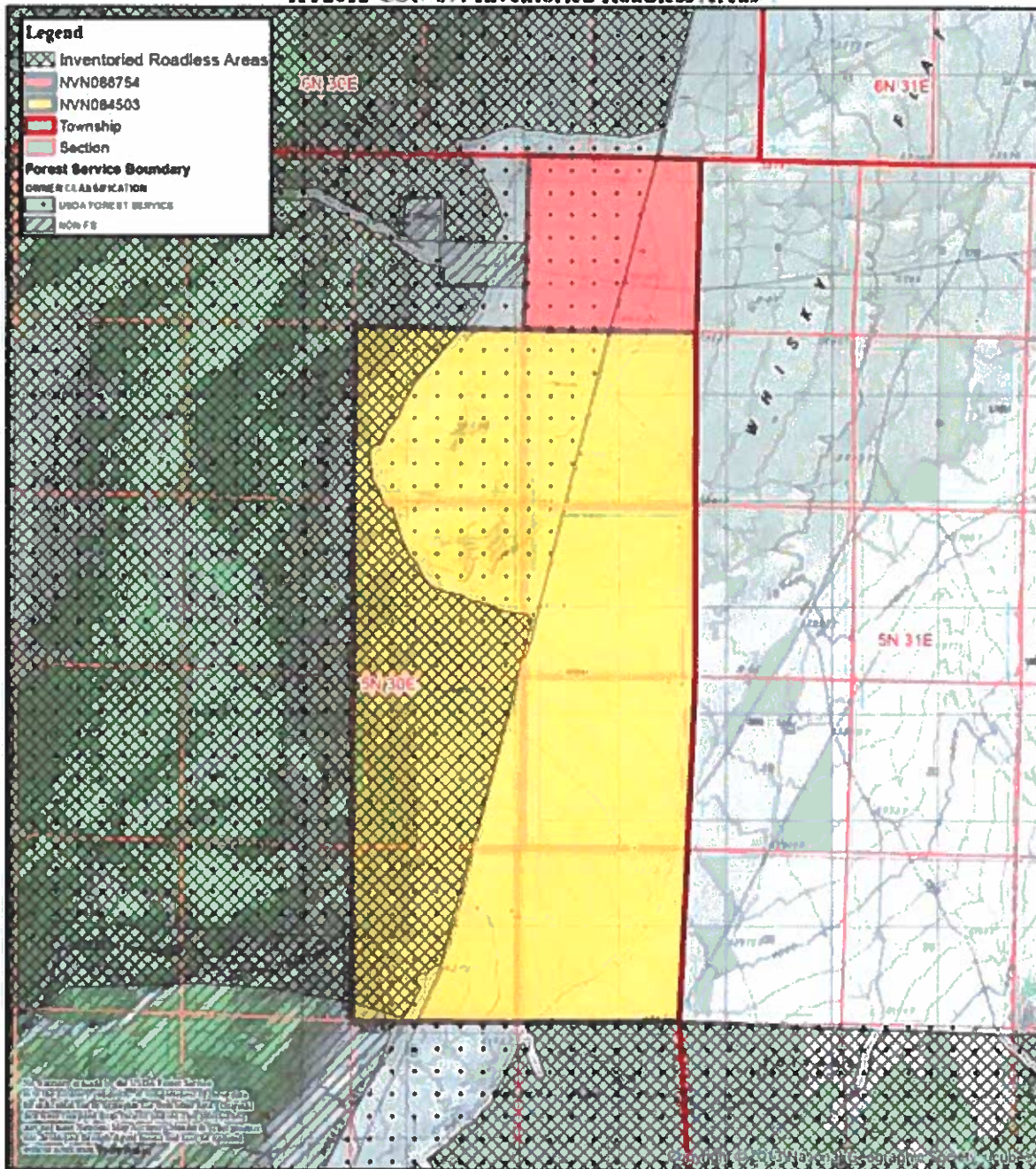




USDA Forest Service  
ADMINISTRATIVE REVIEW OF PROPOSED GEOTHERMAL LEASE PARCEL

FS Parcel No.: \_\_\_\_\_

**Bridgeport Geothermal Parcels**  
**HT2012-CSU-07: Inventoried Roadless Areas**



**Humboldt-Toiyabe National Forest**  
1200 Franklin Way  
Sparks, NV 89431

Excelsior Mountains, NV  
USGS 100k Quadrangle  
T.5 N., R.30 E., sec. 1, 11-14, 23-26



1:50,000  
Date: 8/30/2017



**TIMING LIMITATION STIPULATION**  
**Greater Sage-Grouse Bi-State Distinct Population Segment Lek Buffer**  
**HTG2019-TL-06**

**No surface use is allowed during the following time period(s).**

March 1 through June 30 – within 4 miles of active or pending leks avoid construction, drilling, completion, geophysical exploration, and reclamation activities, including those of exploratory wildcat wells. Critical disturbance period dates may shift 2 weeks back and forward in atypically dry or wet years based on observations of breeding/nesting activity.

November 1 through June 30, within 4 miles of active or pending leks avoid seismic and geophysical exploration. Critical disturbance period dates may shift 2 weeks back and forward in atypically dry or wet years based on observations of breeding/nesting activity.

**On the lands described below:**

<b>Parcel#</b>	<b>Legal Land Description</b>
NV-20-10-010	T.0040N., R.0280E., 21 MDM, NV Sec. 015 SWNE,NESW,NWSW;

**For the purpose of:**

To protect Bi-State sage grouse lekking habitat.

**Exceptions:** An exception may be consented to by the Authorized Officer of the Forest Service if it can be demonstrated that the surface-disturbing activity:

1. would not cause adverse impacts or would have negligible impacts on the resource or resource use that the stipulation was designated to protect; or
2. would improve the protected resource or resource use as defined by the Forest Plan objectives, standards, or conditions in the stipulation; or
3. is necessary to meet health and safety objectives such as fire suppression or fire emergency stabilization and rehabilitation.

In situations where a surface-disturbing activity is excepted, the activity could be subject to additional conditions of approval, reclamation measures, or BMPs. Measures required would be based on the nature and extent of resource values potentially affected by the surface-disturbing activity. Excepted surface-disturbing activities/lease stipulations are granted on a one-time case-by-case basis and will not necessarily constitute subsequent approvals.

**Modifications:** A 30-day public notice and comment period may be required before modification of a stipulation.

**Waiver:** No consent to permanent exemptions or waivers will be given unless the areas mapped as possessing the attributes are field verified by Forest Service staff to lack those attributes.

**Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).**



**TIMING LIMITATION STIPULATION**  
**Migratory Bird Habitat – Raptors**  
**HTG2012-TL-02**

**No surface use is allowed during the following time period(s). This stipulation does not apply to operation and maintenance of production facilities.**

February 1 through June 1 - No ground disturbing activities would be allowed during nesting season unless a nest survey is completed prior to ground disturbance. If nests are located, or if other evidence of nesting is observed, a protective buffer of a 0.5 mile radius would be delineated and the entire buffer area avoided until the nest is no longer active.

**On the lands described below:**

<b>Parcel#</b>	<b>Legal Land Description</b>
NV-20-10-002	T.0100N., R.0250E., 21 MDM, NV Sec. 004 LOTS 1-4; 004 S2NE,S2NW,S2; 010 ALL; 011 ALL;
	T.0110N., R.0250E., 21 MDM, NV Sec. 016 LOTS 1-4; 016 S2NE,S2NW,S2; 021 ALL; 028 ALL; 033 ALL;
NV-20-10-010	T.0040N., R.0280E., 21 MDM, NV Sec. 009 LOTS 1-2; 009 NW,NE,NESW,SE; 010 ALL; 011 ALL; 012 ALL; 013 ALL; 014 ALL; 015 LOTS 1-3; 015 N2,NESW,SE; 016 LOTS 1-4; 016 NENE;
NV-20-10-013	T.0050N., R.0300E., 21 MDM, NV Sec. 001 LOTS 1-4; 001 SWNE,S2NW,SW,W2SE;

NV-20-10-014

T.0050N., R.0300E., 21 MDM, NV

Sec. 011 ALL;

012 ALL;

013 ALL;

014 ALL;

023 ALL;

026 ALL;

**For the purpose of:**

Protecting habitat of/and raptors during the avian breeding season.

**Exceptions:** An exception may be consented to by the Authorized Officer of the Forest Service if it can be demonstrated that the surface-disturbing activity:

1. would not cause adverse impacts or would have negligible impacts on the resource or resource use that the stipulation was designated to protect; or
2. would improve the protected resource or resource use as defined by the Forest Plan objectives, standards, or conditions in the stipulation; or
3. is necessary to meet health and safety objectives such as fire suppression or fire emergency stabilization and rehabilitation.

In situations where a surface-disturbing activity is excepted, the activity could be subject to additional conditions of approval, reclamation measures, or BMPs. Measures required would be based on the nature and extent of resource values potentially affected by the surface-disturbing activity. Excepted surface-disturbing activities/lease stipulations are granted on a one-time case-by-case basis and will not necessarily constitute subsequent approvals.

**Modifications:** A 30-day public notice and comment period may be required before modification of a stipulation.

**Waiver:** No consent to permanent exemptions or waivers will be given unless the areas mapped as possessing the attributes are field verified by Forest Service staff to lack those attributes.

**Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).**

**TIMING LIMITATION STIPULATION**  
**Migratory Bird Habitat – Neotropical Migrants**  
**HTG2012-TL-03**

**No surface use is allowed during the following time period(s). This stipulation does not apply to operation and maintenance of production facilities.**

April 1 through August 30 - No ground disturbing activities would be allowed during nesting season unless a nest survey is completed prior to ground disturbance. If nests are located, or if other evidence of nesting is observed, a protective buffer of a 0.5 mile radius would be delineated and the entire buffer area avoided until the nest is no longer active.

**On the lands described below:**

<b>Parcel#</b>	<b>Legal Land Description</b>
NV-20-10-002	T.0100N., R.0250E., 21 MDM, NV Sec. 004 LOTS 1-4; 004 S2NE,S2NW,S2; 010 ALL; 011 ALL;
	T.0110N., R.0250E., 21 MDM, NV Sec. 016 LOTS 1-4; 016 S2NE,S2NW,S2; 021 ALL; 028 ALL; 033 ALL;
NV-20-10-010	T.0040N., R.0280E., 21 MDM, NV Sec. 009 LOTS 1-2; 009 NW,NE,NESW,SE; 010 ALL; 011 ALL; 012 ALL; 013 ALL; 014 ALL; 015 LOTS 1-3; 015 N2,NESW,SE; 016 LOTS 1-4; 016 NENE;
NV-20-10-013	T.0050N., R.0300E, 21 MDM, NV Sec. 001 LOTS 1-4; 001 SWNE,S2NW,SW,W2SE;

NV-20-10-014

T.0050N., R.0300E., 21 MDM, NV

Sec. 011 ALL;

012 ALL;

013 ALL;

014 ALL;

023 ALL;

026 ALL;

**For the purpose of:**

Protecting habitat of/and Neotropical migrants during the avian breeding season.

**Exceptions:** An exception may be consented to by the Authorized Officer of the Forest Service if it can be demonstrated that the surface-disturbing activity:  
would not cause adverse impacts or would have negligible impacts on the resource or resource use that the stipulation was designated to protect; or  
would improve the protected resource or resource use as defined by the Forest Plan objectives, standards, or conditions in the stipulation; or  
is necessary to meet health and safety objectives such as fire suppression or fire emergency stabilization and rehabilitation.

In situations where a surface-disturbing activity is excepted, the activity could be subject to additional conditions of approval, reclamation measures, or BMPs. Measures required would be based on the nature and extent of resource values potentially affected by the surface-disturbing activity. Excepted surface-disturbing activities/lease stipulations are granted on a one-time case-by-case basis and will not necessarily constitute subsequent approvals.

**Modifications:** A 30-day public notice and comment period may be required before modification of a stipulation.

**Waiver:** No consent to permanent exemptions or waivers will be given unless the areas mapped as possessing the attributes are field verified by Forest Service staff to lack those attributes.

**Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).**

**NO SURFACE OCCUPANCY STIPULATION**  
**Water Bodies, Riparian Areas, Wetlands, Playas, and Floodplains**  
**HTG2012-NSO-03**

**No surface occupancy or use is allowed on the lands described below (legal subdivision or other description).**

<b>Parcel#</b>	<b>Legal Land Description</b>
NV-20-10-002	T.0110N., R.0250E., 21 MDM, NV Sec. 016 N2NW;
NV-20-10-014	T.0050N., R.0300E., 21 MDM, NV Sec. 011 SW;

**For the purpose of:**

The protection of the extent, nature, values, and functions of water bodies, riparian areas, wetlands, and playas, and to protect the unique biological and hydrological features associated with the 100-year floodplains of streams and rivers.

**Exceptions:** An exception may be consented to by the Authorized Officer of the Forest Service if it can be demonstrated that the surface-disturbing activity:

1. would not cause adverse impacts or would have negligible impacts on the resource or resource use that the stipulation was designated to protect; or
2. would improve the protected resource or resource use as defined by the Forest Plan objectives, standards, or conditions in the stipulation; or
3. is necessary to meet health and safety objectives such as fire suppression or fire emergency stabilization and rehabilitation.

In situations where a surface-disturbing activity is excepted, the activity could be subject to additional conditions of approval, reclamation measures, or BMPs. Measures required would be based on the nature and extent of resource values potentially affected by the surface-disturbing activity. Excepted surface-disturbing activities/lease stipulations are granted on a one-time case-by-case basis and will not necessarily constitute subsequent approvals.

**Modifications:** A 30-day public notice and comment period may be required before modification of a stipulation.

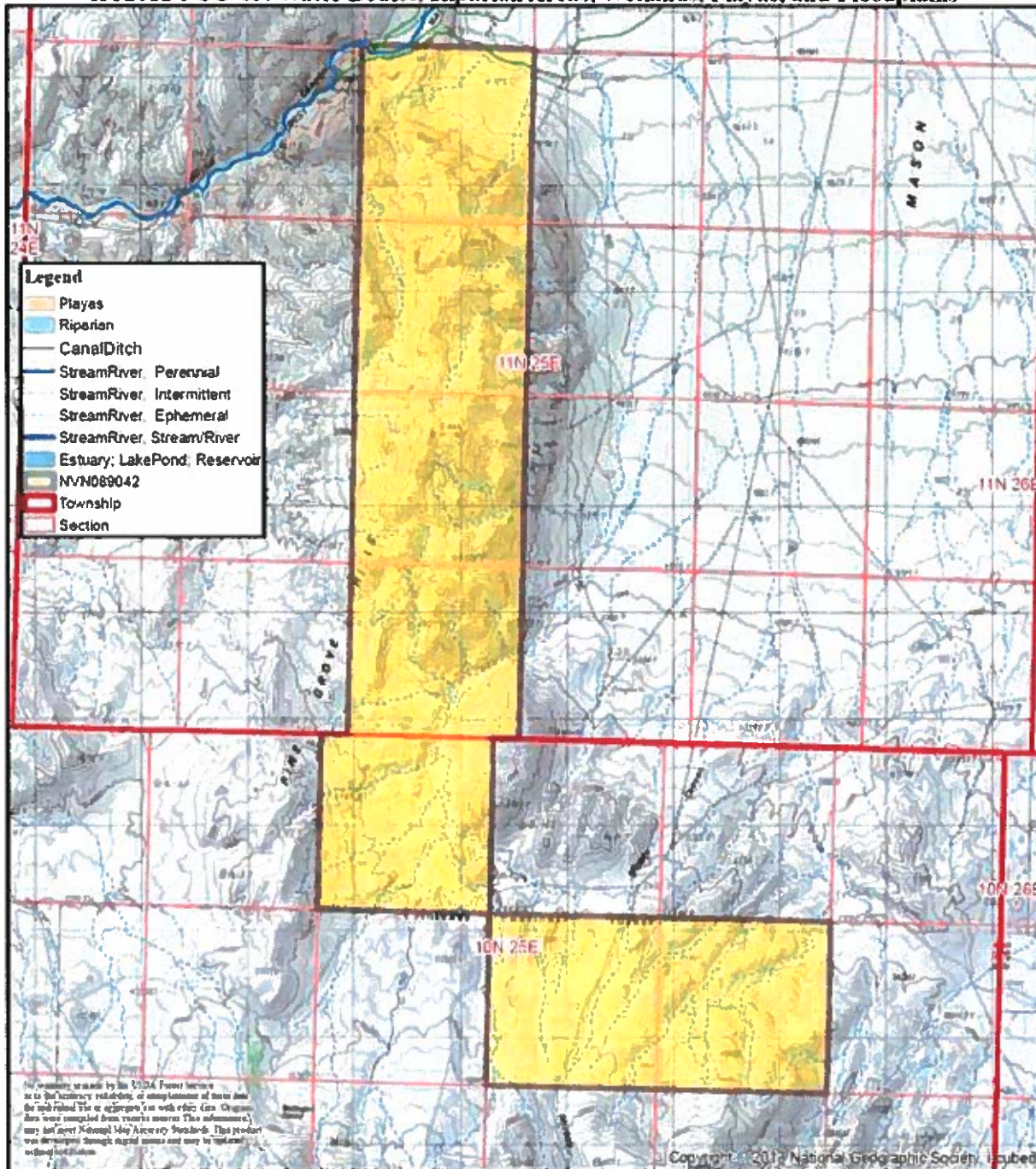
**Waiver:** No consent to permanent exemptions or waivers will be given unless the areas mapped as possessing the attributes are field verified by Forest Service staff to lack those attributes.


**Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820).**

USDA Forest Service  
ADMINISTRATIVE REVIEW OF PROPOSED GEOTHERMAL LEASE PARCEL


FS Parcel No.: \_\_\_\_\_


**Bridgeport Geothermal Parcels**  
**HT2012-NSO-03: Water Bodies, Riparian Areas, Wetlands, Playas, and Floodplains**




**Humboldt-Toiyabe National Forest**  
1200 Franklin Way  
Sparks, NV 89431

Smith Valley, NV  
USGS 100k Quadrangle  
T. 11 N., R. 25 E., sec. 16, 21, 28, 33  
T. 10 N., R. 25 E., sec. 4, 10-11

  
1:50,000  
Date 8/30/2017

  
Miles

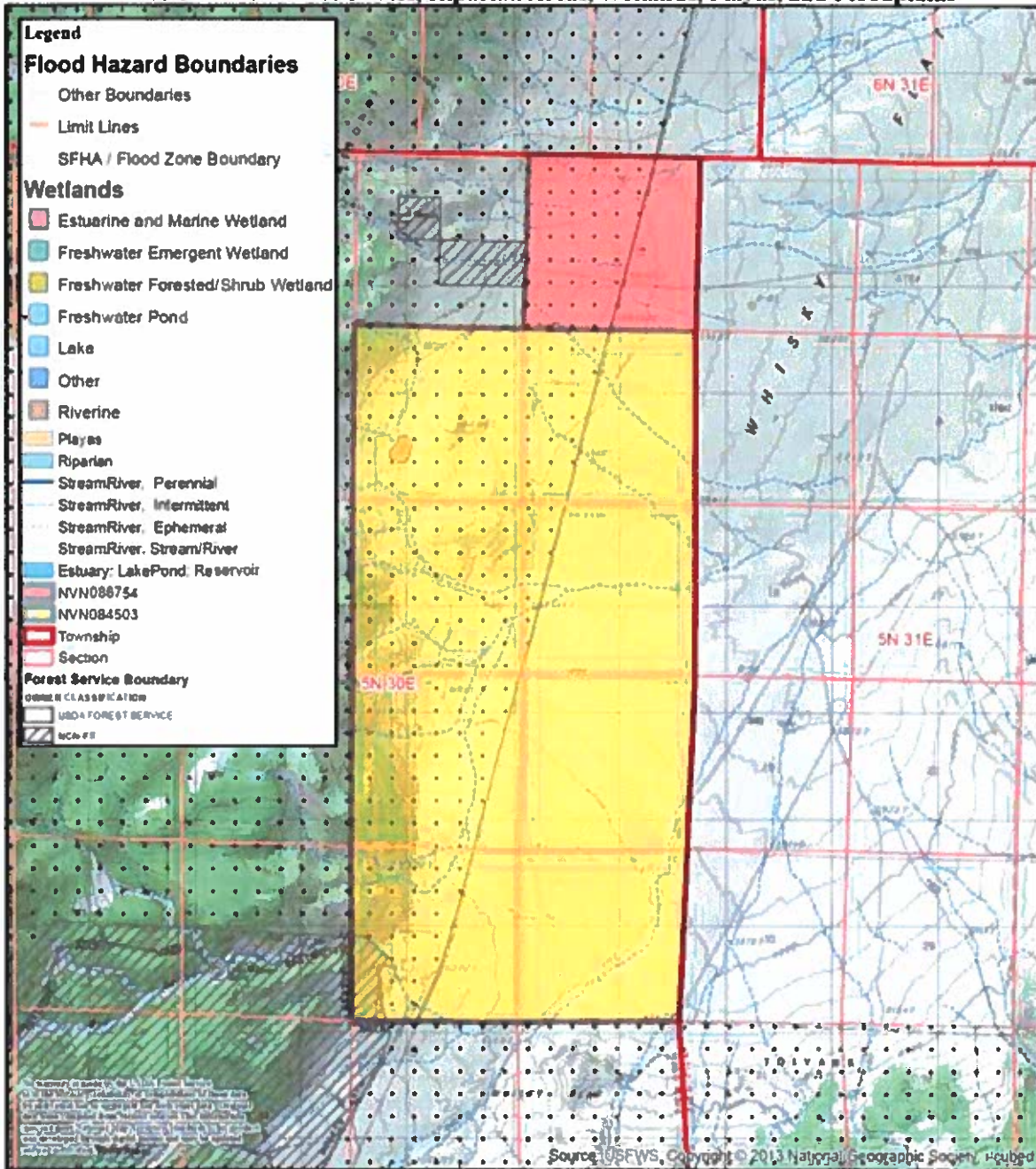





USDA Forest Service  
 ADMINISTRATIVE REVIEW OF PROPOSED GEOTHERMAL LEASE PARCEL

FS Parcel No.: \_\_\_\_\_


**Bridgeport Geothermal Parcels**  
**HT2012-NSO-03: Water Bodies, Riparian Areas, Wetlands, Playas, and Floodplains**





**Humboldt-Toiyabe National Forest**  
 1200 Franklin Way  
 Sparks, NV 89431

Excelsior Mountains, NV  
 USGS 100k Quadrangle  
 T.5 N., R.30 E., sec. 1, 11-14, 23-26



1:50,000  
 Date: 8/30/2017

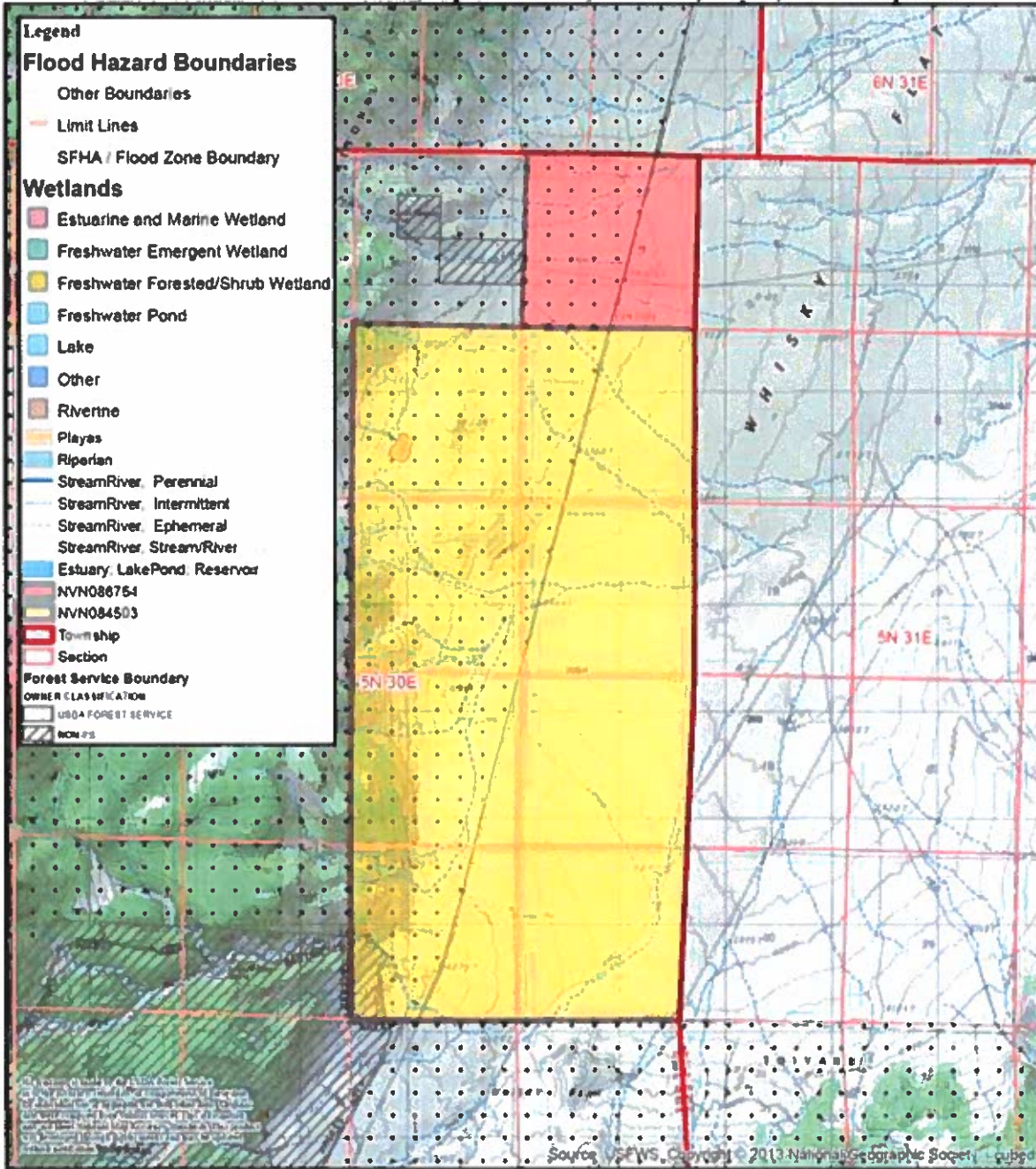
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USDA Forest Service  
 ADMINISTRATIVE REVIEW OF PROPOSED GEOTHERMAL LEASE PARCEL

FS Parcel No.: \_\_\_\_\_

**Bridgeport Geothermal Parcels  
 HT2012-NSO-03: Water Bodies, Riparian Areas, Wetlands, Playas, and Floodplains**



	<p>Excelsior Mountains, NV          USGS 100k Quadrangle          T.5 N., R.30 E., sec. 1, 11-14, 23-26</p>		
<p><b>Humboldt-Toiyabe National Forest</b>          1200 Franklin Way          Sparks, NV 89431</p>		<p>1:50,000          Date: 8/30/2017</p>	



**Controlled Surface Use Stipulation  
Motorized & Non-motorized Recreation Areas  
HTG2012-CSU-03**

**Surface occupancy or use is subject to the following special operating constraints.**

Within recreational areas, measures for the protection of surface and visual resources will be applied to minimize the potential for adverse impacts on recreational values, both motorized and non-motorized, and the natural settings associated with the recreational activity. The lessee will be required to submit a plan to meet the resource management objectives through special design, construction, mitigation, and reclamation measures, or relocation. Measures required will be based on the nature, extent, and value of the area potentially affected.

**On the lands described below:**

<b>Parcel#</b>	<b>Legal Land Description</b>
NV-20-10-002	T.0100N., R.0250E., 21 MDM, NV Sec. 004 W2NW,W2SW,NE, 004 NESE,SWSE,SESW; 010 W2NW,W2SW,SESW;  T.0110N., R.0250E., 21 MDM, NV Sec. 016 W2,NWNE,NENE,SENE, 016 NESE,SWSE,NWSE; 021 SW,NWNW,SWNW,SENW, 021 NE,W2SE; 028 E2W2,W2E2,SENE,SESE; 033 W2E2,SENE,NESE,SWSW, 033 SESW,NESW;
NV-20-10-014	T.0050N., R.0300E., 21 MDM, NV Sec. 011 E2NW,W2SW,NWNE,NESW; 012 E2NW,E2SW; 013 NWSW,W2NW,W2SW; 014 E2NW,N2SE,SWNE,NWNW,SESE; 023 E2NE,E2SE,SWSE; 026 W2NE,W2SE,SESW;

**For the purpose of:**

Protecting motorized & non-motorized recreation areas.

**Exceptions:** An exception may be consented to by the Authorized Officer of the Forest Service if it can be demonstrated that the surface-disturbing activity:  
would not cause adverse impacts or would have negligible impacts on the resource or resource use that the stipulation was designated to protect; or  
would improve the protected resource or resource use as defined by the Forest Plan objectives, standards, or conditions in the stipulation; or

is necessary to meet health and safety objectives such as fire suppression or fire emergency stabilization and rehabilitation.

In situations where a surface-disturbing activity is excepted, the activity could be subject to additional conditions of approval, reclamation measures, or BMPs. Measures required would be based on the nature and extent of resource values potentially affected by the surface-disturbing activity. Excepted surface-disturbing activities/lease stipulations are granted on a one-time case-by-case basis and will not necessarily constitute subsequent approvals.

**Modifications:** A 30-day public notice and comment period may be required before modification of a stipulation.

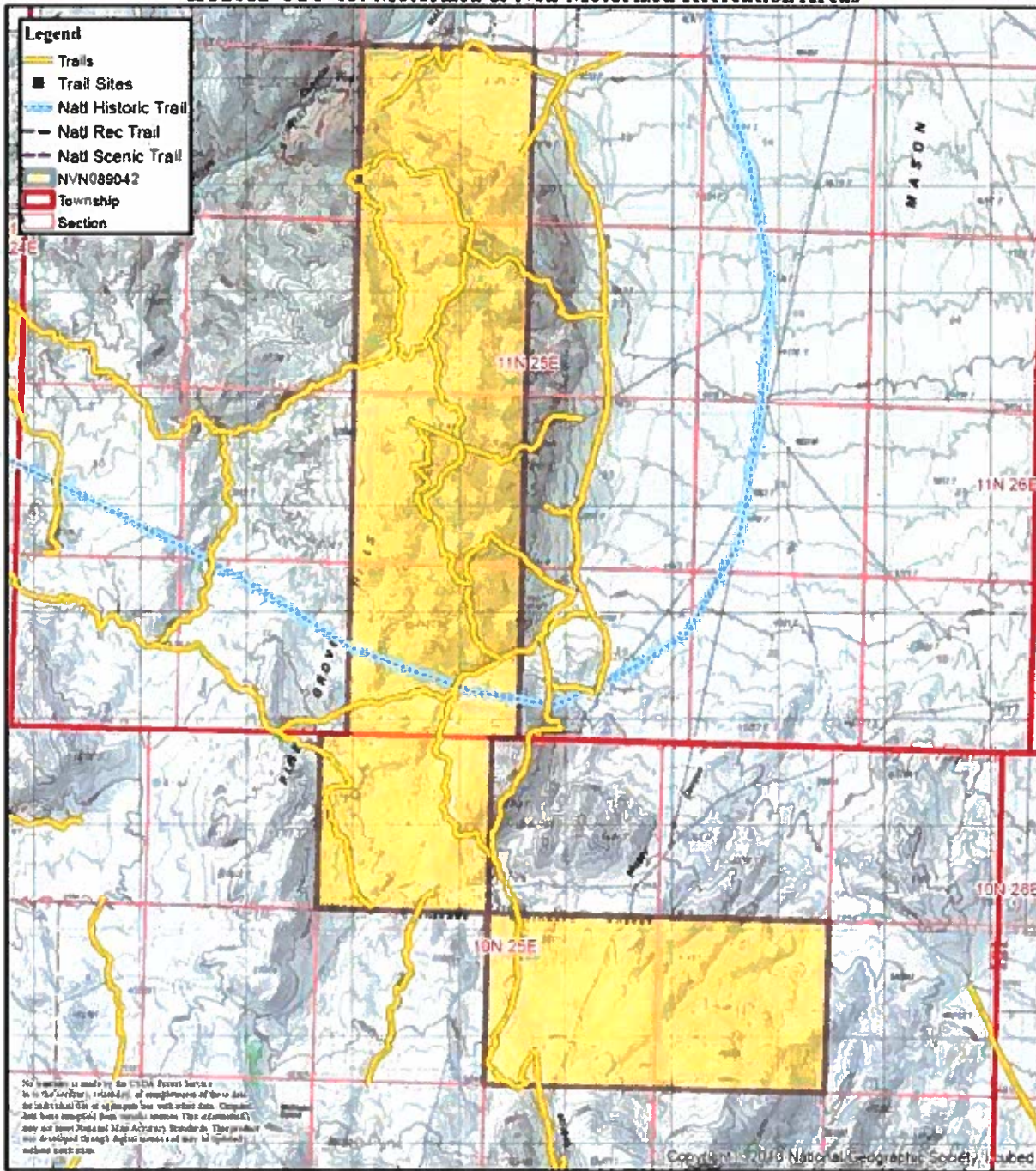
**Waiver:** No consent to permanent exemptions or waivers will be given unless the areas mapped as possessing the attributes are field verified by Forest Service staff to lack those attributes.


**Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.**

USDA Forest Service  
 ADMINISTRATIVE REVIEW OF PROPOSED GEOTHERMAL LEASE PARCEL

FS Parcel No.: \_\_\_\_\_


**Bridgeport Geothermal Parcels**  
**HT2012-CSU-03: Motorized & Non-Motorized Recreation Areas**







**Humboldt-Toiyabe National Forest**  
 1200 Franklin Way  
 Sparks, NV 89431

Smith Valley, NV  
 USGS 100k Quadrangle  
 T.11 N., R.25 E., sec. 16, 21, 28, 33  
 T.10 N., R.25 E., sec. 4, 10-11



1:50,000  
 Date 8/30/2017





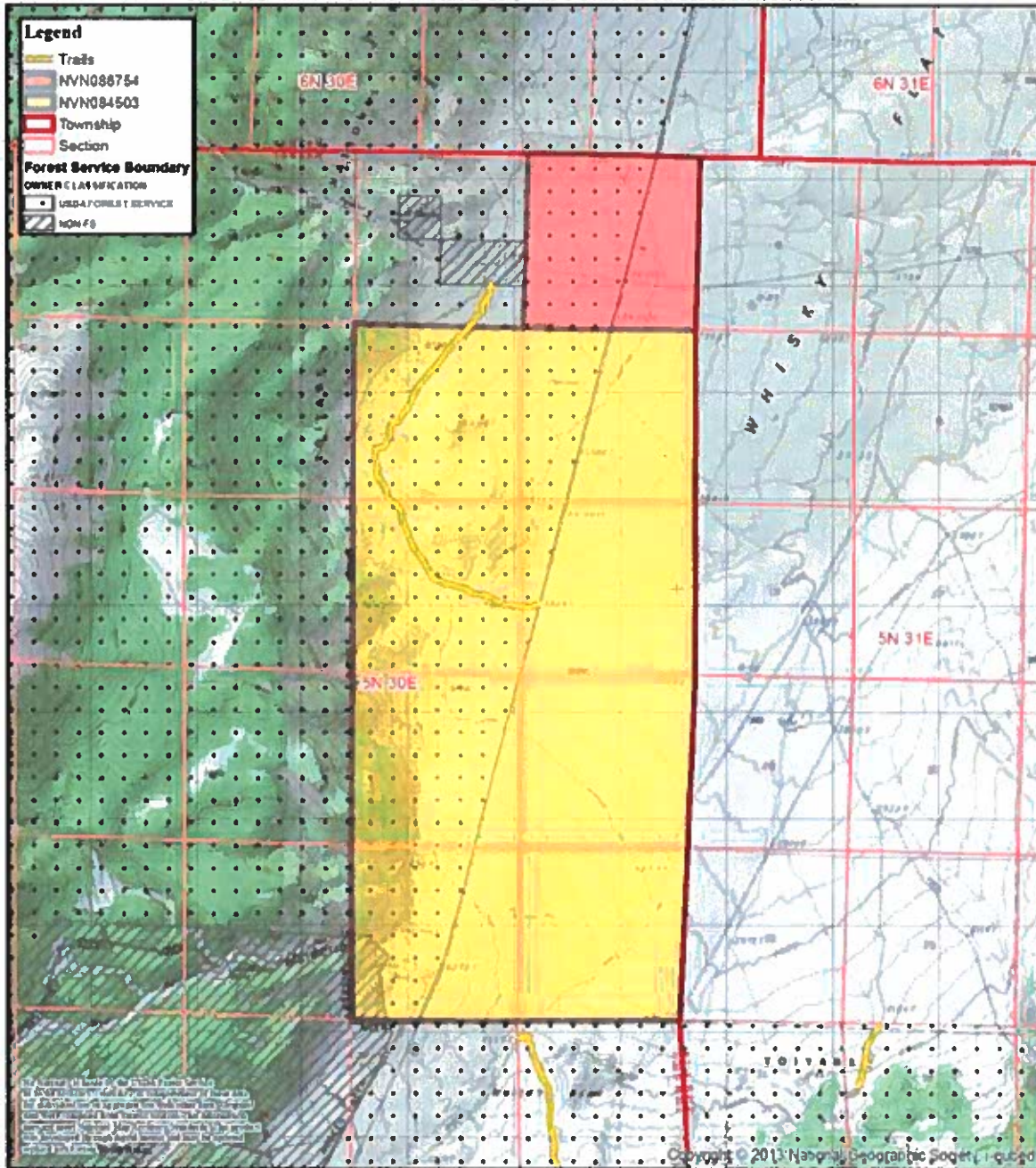
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USDA Forest Service  
ADMINISTRATIVE REVIEW OF PROPOSED GEOTHERMAL LEASE PARCEL

FS Parcel No.: \_\_\_\_\_

**Bridgeport Geothermal Parcels**  
**HT2012-CSU-03: Motorized & Non-Motorized Recreation Areas**



**Humboldt-Toiyabe National Forest**  
1200 Franklin Way  
Sparks, NV 89431

Excelsior Mountains, NV  
USGS 100k Quadrangle  
T.5 N., R.30 E., sec. 1, 11-14, 23-26



N  
1:50,000  
Date 8/30/2017



**NO SURFACE OCCUPANCY STIPULATION  
Historic Properties and/or Resources – Historic Trail  
HTG2012-NSO-02**

**No surface occupancy or use is allowed on the lands described below (legal subdivision or other description).**

<b>Parcel#</b>	<b>Legal Land Description</b>
NV-20-10-002	T.0110N., R.0250E., 21 MDM, NV Sec. 033 SE,NESW,NWSW,SWNW;

**For the purpose of:**

Protecting eligible National Register-listed Properties and Districts, National Register-eligible Properties and Districts, National Historic Landmarks, National Historic Trails, historic properties, and unevaluated archaeological historic sites.

**Exceptions:** An exception may be consented to by the Authorized Officer of the Forest Service if it can be demonstrated that the surface-disturbing activity:

1. would not cause adverse impacts or would have negligible impacts on the resource or resource use that the stipulation was designated to protect; or
2. would improve the protected resource or resource use as defined by the Forest Plan objectives, standards, or conditions in the stipulation; or
3. is necessary to meet health and safety objectives such as fire suppression or fire emergency stabilization and rehabilitation.

In situations where a surface-disturbing activity is excepted, the activity could be subject to additional conditions of approval, reclamation measures, or BMPs. Measures required would be based on the nature and extent of resource values potentially affected by the surface-disturbing activity. Excepted surface-disturbing activities/lease stipulations are granted on a one-time case-by-case basis and will not necessarily constitute subsequent approvals.

**Modifications:** A 30-day public notice and comment period may be required before modification of a stipulation.

**Waiver:** No consent to permanent exemptions or waivers will be given unless the areas mapped as possessing the attributes are field verified by Forest Service staff to lack those attributes.

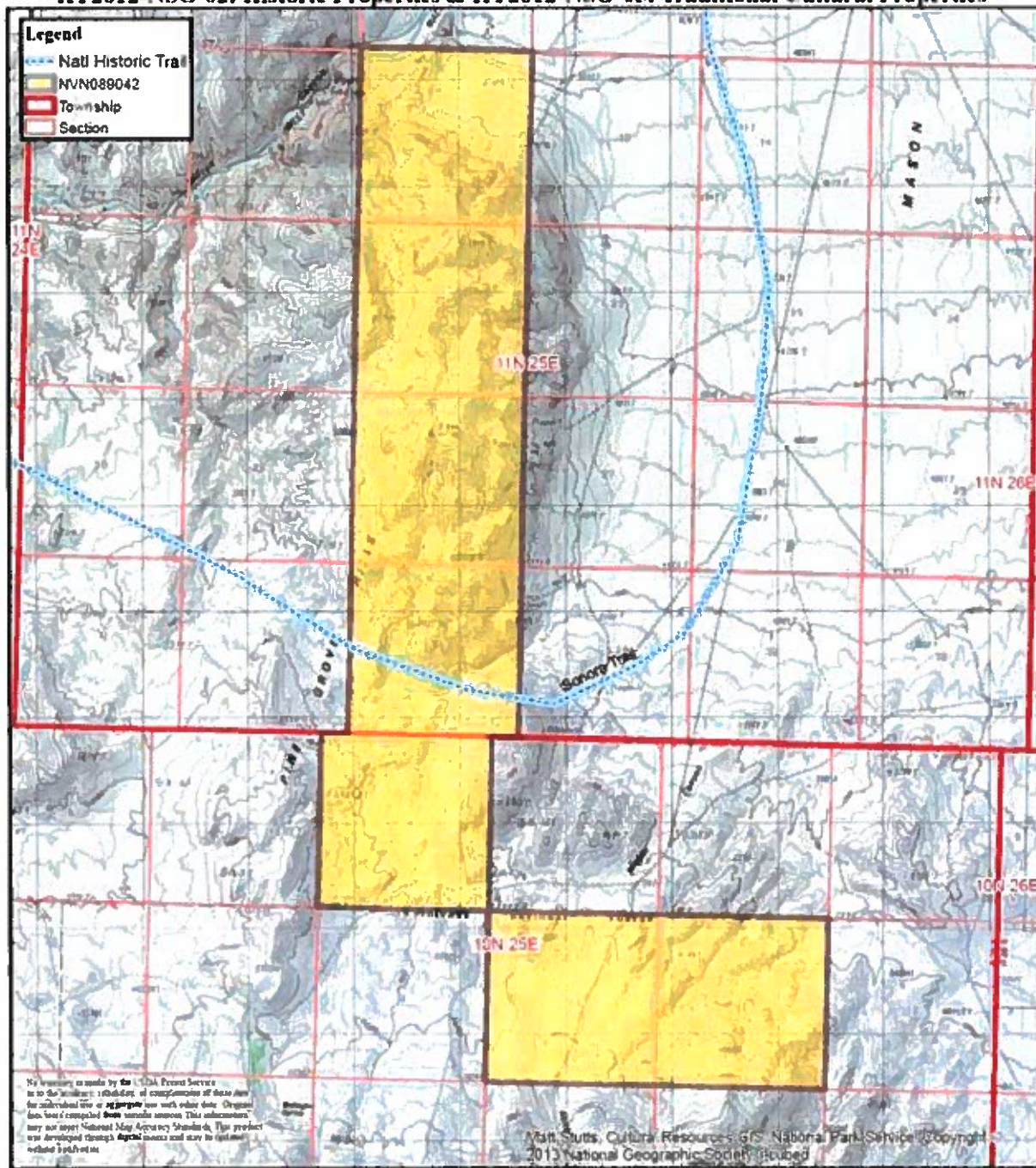
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USDA Forest Service  
 ADMINISTRATIVE REVIEW OF PROPOSED GEOTHERMAL LEASE PARCEL

FS Parcel No.: \_\_\_\_\_

**Bridgeport Geothermal Parcels**  
**HT2012-NSO-02: Historic Properties & HT2012-NSO-05: Traditional Cultural Properties**



  
**Humboldt-Toiyabe National Forest**  
 1200 Franklin Way  
 Sparks, NV 89431

Smith Valley, NV  
 USGS 100k Quadrangle  
 T.11 N., R.25 E., sec. 16, 21, 28, 33  
 T.10 N., R.25 E., sec. 4, 10-11



**Controlled Surface Use Stipulation  
Visual Resources  
HTG2012-CSU-02**

**Surface occupancy or use is subject to the following special operating constraints.**

Measures for the protection of visual resources will be applied to National Forest System lands with a Visual Quality Objective of Retention and other sensitive viewsheds, such as within the visual setting of National Scenic and Historic Trails or near residential areas. The lessee will be required to submit a plan to meet the resource management objectives through special design, construction, mitigation, and reclamation measures, or relocation. Measures required will be based on the nature, extent, and value of the area potentially affected.

**On the lands described below:**

<b>Parcel#</b>	<b>Legal Land Description</b>
NV-20-10-002	T.0100N., R.0250E., 21 MDM, NV Sec. 010 ALL; 011 ALL;

**For the purpose of:**

Protecting visual resources.

**Exceptions:** An exception may be consented to by the Authorized Officer of the Forest Service if it can be demonstrated that the surface-disturbing activity:

1. would not cause adverse impacts or would have negligible impacts on the resource or resource use that the stipulation was designated to protect; or
2. would improve the protected resource or resource use as defined by the Forest Plan objectives, standards, or conditions in the stipulation; or
3. is necessary to meet health and safety objectives such as fire suppression or fire emergency stabilization and rehabilitation.

In situations where a surface-disturbing activity is excepted, the activity could be subject to additional conditions of approval, reclamation measures, or BMPs. Measures required would be based on the nature and extent of resource values potentially affected by the surface-disturbing activity. Excepted surface-disturbing activities/lease stipulations are granted on a one-time case-by-case basis and will not necessarily constitute subsequent approvals.

**Modifications:** A 30-day public notice and comment period may be required before modification of a stipulation.

**Waiver:** No consent to permanent exemptions or waivers will be given unless the areas mapped as possessing the attributes are field verified by Forest Service staff to lack those attributes.

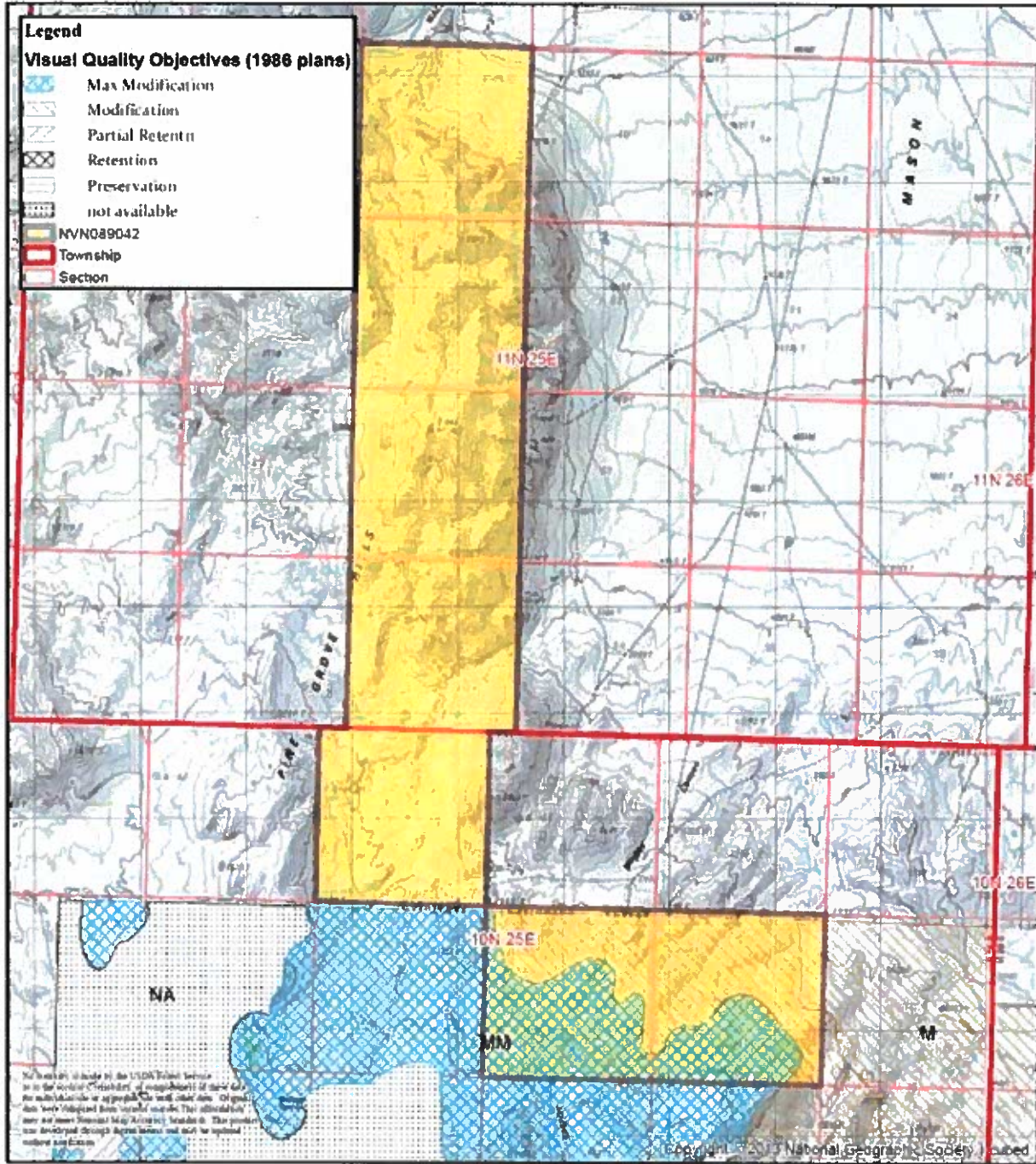
**Any changes to this stipulation will be made in accordance with the land use plan and/or the regulatory provisions for such changes. (For guidance on the use of this stipulation, see BLM Manual 1624 and 3101 or FS Manual 1950 and 2820.**



USDA Forest Service  
ADMINISTRATIVE REVIEW OF PROPOSED GEOTHERMAL LEASE PARCEL

FS Parcel No.: \_\_\_\_\_


**Bridgeport Geothermal Parcels  
HT2012-CSU-02: Visual Resources**



  
**Humboldt-Toiyabe National Forest**  
1200 Franklin Way  
Sparks, NV 89431

Smith Valley, NV  
USGS 100k Quadrangle  
T.11 N., R.25 E., sec. 16, 21, 28, 33  
T.10 N., R.25 E., sec. 4, 10-11



  
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Date 8/10/2017

