

DEPARTMENT OF THE INTERIOR

Bureau of Land Management

National Petroleum Reserve - Alaska, Oil and Gas Lease Sale 2026

AGENCY: Bureau of Land Management, Alaska State Office

ACTION: Detailed Statement of the Sale

1. Authority.

The Bureau of Land Management (BLM) is issuing this National Petroleum Reserve-Alaska (NPR-A) Detailed Statement of the Sale (DSS) under the authority of the Department of the Interior Appropriations Act (P.L. 96-514); the Naval Petroleum Reserves Production Act (NPRPA) of 1976 [42 U.S.C. 6501 et seq.], as amended; the Federal Land Policy and Management Act (FLPMA) of 1976 [43 U.S.C. 1701 et. seq.], as amended; and the regulations in Title 43 of the Code of Federal Regulations (CFR) Part 3130. Pursuant to 43 CFR § 3131.4-1(a), a Notice of Sale must be published in the Federal Register at least 30 days prior to March 18, 2026, the scheduled date of sale. Pursuant to 43 CFR § 3131.4-1(c), the DSS must be available to the public on the same day as the Federal Register notice is published. The DSS is available on the BLM website at: <https://www.blm.gov/alaska>.

The tracts described in this DSS are being offered for competitive oil and gas lease by sealed bid to the highest qualified bidder. The United States reserves the right to withdraw any tract from this sale any time prior to issuance. Also reserved is the right to reject any and all bids received for any tract, regardless of the amount offered. The Locator Map and description of tracts being offered are provided in the Exhibits of this DSS.

Executive Order 14153, Unleashing Alaska's Extraordinary Resource Potential, and the implementation direction in Secretary's Order 3422 set the stage for enhancing our Nation's economic and national security through responsible energy development. Public Law (P.L.) 119-21, the One Big Beautiful Bill Act directed BLM to restore the NPR-A oil and gas leasing program and resume NPR-A lease sales.

This lease sale is being conducted under the parameters of the 2025 NPR-A Integrated Activity Plan (IAP) Record of Decision (ROD), which is in accordance with the direction provided in PL 119-21. On December 22, 2025, Secretary of the Interior Doug Burgum signed a new ROD for the NPR-A IAP. The tracts offered in this sale are subject to stipulations and required operating procedures (ROPs) established by the Decision as well as analysis presented the 2020 IAP Final Environmental Impact Statement (EIS) and the 2025 final Environmental Assessment which incorporates new information that has arisen since the publication of the 2020 IAP/EIS.

The 2025 Decision updates the High-Low potential boundary further west to align with recent geologic findings. It makes approximately 18.6 million acres of the approximately 22.8 million acres of subsurface land managed by the BLM in the NPR-A available for oil and gas leasing. Of the 18.6 million acres, approximately 132,000 acres in the northeastern part of the Reserve would not be available for leasing until ten years after the signing of the 2025 NPR-A IAP ROD, when a ten-year

deferral established by this Decision in the Teshekpuk Lake Special Area expires. Under this ROD, approximately 4.1 million acres, comprising a large majority of lands within the Utukok River Uplands Special Areas and all the Peard Bay and Kasegaluk Lagoon Special Areas are not available for oil and gas leasing.

2. Minimum Bid, Yearly Rental, and Royalty System.

The lands described herein are offered for competitive oil and gas lease sale by sealed bid to the qualified bidder submitting the highest cash bonus bid in accordance with the statutory and regulatory authorities cited above. The minimum bid, yearly rental, and royalty rate that apply to this sale are specified below.

The minimum bid amount stated below is the minimum amount acceptable to be considered a valid bid. To ensure that the Government receives fair market value for the conveyance of lease rights in this sale, each Tract receiving a bid will be evaluated to determine its fair market value. Any bid which does not meet or exceed the fair market value may be rejected.

Leases issued as a result of this sale will have primary terms of ten (10) years.

Variable	High Potential Tracts	Low Potential Tracts
Tract Size	¼ township (+ 5,760 acres)	½ township (+ 11, 500 acres)
Minimum Bid	\$25.00 or more per acre or fraction thereof	\$5.00 or more per acre or fraction thereof
Fixed Royalty Rate	16 2/3 percent	12 ½ percent
Rental Rate and Minimum Royalty	\$10.00 per acre or fraction thereof	\$5.00 per acre or fraction thereof

3. Acreage and Land Status.

The acreage shown above is only a general approximation. The acreage for each tract is shown on Exhibit B. The successful bidders will be advised of any required adjustments (additional payments or refunds) to the advanced rental payments prior to lease issuance. High bonus bids will be based on the highest bid per tract and will not be affected by such acreage adjustments. Most of the tracts will be free of encumbrances, but some are affected by conveyances to Native Allottees, Village or Regional Native Corporations, or by Air Navigation Sites or other surface ownership or uses which may restrict surface access.

4. Split Estate Tracts.

The lessee has a right to access so much of the surface as is reasonably necessary to explore and develop the lease but will be responsible for negotiating any surface use and access issues with the surface owner or managing surface agency for split-estate lands. For Certified Native Allotments, the lessee must also obtain approval from the Bureau of Indian Affairs. If a bidder wants to review the land status of particular tracts prior to bidding, details for obtaining the pertinent status plats are

found at paragraph 9.

5. Filing of Bids.

Bidders must comply with the following requirements. Times specified hereafter are Alaska Standard Time.

No bid will be accepted for less than an entire tract as described in Exhibit B. For each tract bid upon, a bidder must submit a separate signed bid in a sealed envelope labeled "Sealed Bid for NPR-A Oil and Gas Lease Sale Tract No. 2026" (alpha-numeric designation or alpha-alpha, as appropriate, e.g. 2026-H-000, 2026-L-000, or 2026-000), and not to be opened until 10:00 a.m., March 18, 2026. The total amount bid must be in a whole dollar amount (U.S. dollars); any cent amount above the whole dollar will be ignored by the BLM. Details of the information required on the bid(s) and the bid envelope(s) are specified in the document "Bid Form and Envelope" contained in the DSS as Exhibit D.

Each bid must be accompanied by a bid deposit of 1/5th of the bonus bid amount in U.S. currency or by cashier's check, bank draft, or certified check, payable to the Department of the Interior, Bureau of Land Management. This deposit will be forfeited if a bidder, after being determined the highest qualified bidder, fails to sign the lease or otherwise comply with applicable regulations.

Bidders submitting joint bids must state on the bid form (Exhibit D) the proportionate interest of each participating bidder, in percent to a maximum of five decimal places, e.g., 33.33333 percent. The BLM may require bidders to submit other documents in accordance with 43 CFR Part 3130. The BLM warns bidders against violation of 18 U.S.C. 1860 prohibiting unlawful combination or intimidation of bidders. In accordance with 43 CFR § 3132.5(b), "The United States reserves the right to reject any and all bids received for any tract, regardless of the amount offered."

Submission of a bid constitutes certification of compliance with the regulations found in 43 CFR Part 3130. Anyone seeking to acquire a Federal oil and gas lease may be required to submit additional information to show compliance with the regulations. A statement to this effect must be included on each bid (see the document "Bid Form and Envelope" contained in the DSS as Exhibit D).

Bidders also need to submit with their bids a "Bidder Contact Form" (Exhibit E) which identifies contact information relative to the bids. This form must not be included in a bid envelope but be submitted with the bids.

Sealed bids must be received by the BLM Alaska State Office, 222 West 7th Avenue #13, Anchorage, Alaska 99513-7504, during normal business hours (8 a.m. to 4:00 p.m.) until the Bid Submission Deadline at 4:00 p.m., March 16, 2026. If bids are received later than the time and date specified above, they will be returned unopened to the bidders. Bidders may not modify or withdraw their bids unless the BLM receives a written modification or written withdrawal request prior to 4:00 pm March 16, 2026.

Bid Opening. The public opening and reading of the bids for the 2026 NPR-A oil and gas lease sale will be available for public viewing on BLM's website via video live streaming at www.blm.gov/live. The venue will not be open to the general public, media, or industry.

Natural Disasters. In the event of a natural disaster, the Alaska State Office may extend the bid submission deadline. Bidders may call (907) 271-5960 for information about the possible extension of the bid submission deadline due to such an event.

Tied Bids. In the event the highest bids are tie bids, the tying bidders are allowed to submit on or before 4:00 p.m., April 2, 2026, additional sealed bids to break the tie. The additional bids must include any additional amount necessary to bring the amount tendered with his/her bid to 1/5th of the additional bid. When known, the date and time of that additional bid opening will be announced through a press release, information on BLM's website and direct notice to the tying bidders and will be available for public viewing on BLM's website via video live streaming at www.blm.gov/live. The venue will not be open to the general public, media, or industry. The opening of the tied bids are for the sole purpose of publicly announcing and recording the tied bids received, and no bids will be accepted or rejected at that time.

If tie breaking bids are received later than the time and date specified above, they will be returned unopened to the bidders. Bidders may not modify or withdraw their additional bids unless the BLM receives a written modification or written withdrawal request prior to 10:00 AM on April 2, 2026.

6. Deposit of Payment.

Any payments made in accordance with paragraph 5(b) will be deposited by the Government in a non-interest-bearing account during the period the bids are being considered. Such a deposit does not constitute and shall not be construed as acceptance of any bid on behalf of the United States.

7. Acceptance, Rejection, or Return of Bids.

No lease for any tract will be awarded to any bidder, unless:

The bidder has complied with all requirements of this DSS, including the requirements listed on documents contained therein, and the applicable regulations;

The bid is the highest valid bid; and

No bid will be considered for acceptance unless it provides for a cash bonus as specified in Paragraph 2. Any bid submitted which does not conform to the requirements of this DSS, the laws, and regulations cited in paragraph 1 of this DSS, and other applicable regulations may be returned to the person submitting that bid by the BLM and not considered for acceptance.

8. Successful Bidders.

The following requirements apply to successful bidders in this sale:

Lease Issuance. The BLM will require each person who has submitted a bid accepted by the AO to execute copies of lease Form AK-3130-1 (sample) shown in Exhibit H of this DSS, pay the balance of the bonus bid along with the first year's annual rental, and the lease processing fee for each lease issued in accordance with the requirements of 43 CFR § 3132.3, and satisfy the bonding requirements of 43 CFR Subpart 3134.

Who May Hold Leases. In accordance with 43 CFR § 3132.1, leases issued may be held only by the following:

- (1) Citizens and nationals of the United States;
- (2) Aliens lawfully admitted for permanent residence in the United States as defined in 8 U.S.C. 1101(a)(20);
- (3) Private, public or municipal corporations organized under the laws of the United States or of any State or of the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, American Samoa, or any of its territories; or
- (4) Associations of such citizens, nationals, resident aliens or private, public, or municipal corporations.

Bonding Requirements. Prior to issuance of a lease, an individual lease surety or personal bond must be furnished to the AO in the sum of \$100,000 conditioned on compliance with all the lease terms, including rentals and royalties, and stipulations. An individual lease bond will not be required if a bidder already maintains or furnishes an NPR-A-wide bond in the sum of \$300,000 conditioned on compliance with the terms, conditions, and stipulations of all oil and gas leases held by the bidder within the NPR-A, or maintains or furnishes a bond and furnishes a rider thereto sufficient to bring total coverage to \$300,000 and extending coverage to all of the bidder's oil and gas leases within the NPR-A. A copy of the bond form is included in the DSS as Exhibit F. See Exhibit G for the Geophysical Exploration Rider Form for Use with NPR-A –wide bonds.

9. Description of the Areas Offered for Bids.

Areas Available for Leasing. Land status data regarding tracts offered for lease may be found on the official Master Title Plats (MTPs) available for review in the BLM Public Information Center located on the first floor of the Federal Building and Courthouse, 222 West 7th Avenue, #13, Anchorage, Alaska 99513-7504. MTPs are also available on the BLM website at: <http://sdms.ak.blm.gov/sdms/>. These tracts are shown on the Locator Map of Exhibit A and are described in detail in Exhibit B of this DSS.

10. Lease Terms and Stipulations.

Leases resulting from this sale will have initial terms of 10 years. A sample of the lease form is available as Exhibit H of this DSS.

The tracts offered in this sale are subject to stipulations and required operating procedures established by the 2025 NPR-A IAP ROD as well as analysis presented the 2020 IAP Final Environmental Impact Statement and the 2025 final Environmental Assessment which incorporates new information that has arisen since the publication of the 2020 IAP/EIS.

11. Information to Lessees.

The 2025 NPR-A IAP ROD established required operating procedures for NPR-A. These are pre-application requirements, procedures, management practices, or design features that BLM has adopted as operational requirements. These requirements will be addressed through the permitting process. An oil and gas lease does not in itself authorize any on-the-ground activity. Seismic operations, drilling, ice road construction, pipeline construction, etc. require additional land use authorizations. Any applicant requesting such authorization will have to address the required operating procedures either before submitting the application (e.g., subsistence consultation, brant surveys) or as part of the application proposal (e.g., proposal states garbage will not be buried, or pipelines and roads will be separated by 500 ft or more). Requirements that are met prior to submission of the application, as well as procedures, practices, and design features that are an integral part of a proposal, do not need to be stipulated in a permit or lease. Because ROPs are operational requirements and not lease stipulations, their applicability goes beyond oil and gas leasing to any permitted activity where the requirement is relevant.

The AO may add more restrictive stipulations as determined necessary under the authority of the National Environmental Policy Act (NEPA) [42 U.S.C. 4321 et seq.] by further NEPA analysis and as developed through consultation with federal, state, and North Slope Borough (NSB) regulatory and resource agencies. Laws or regulations may require other federal, state, and NSB permits (e.g., Clean Water Act [CWA] Section 404) for an oil and gas project to proceed. Specific state permits are required when the state has authority, under federal or state law or regulation, to enforce the provision in question. Specific permits issued by federal agencies other than BLM could include permit conditions that are more stringent than those identified in the ROD.

The Stipulations and ROPs for the planning area are available in Exhibit C.

Energy Policy Act of 2005. On August 8, 2005, the Energy Policy Act of 2005 was signed into law. The BLM has issued a final regulation, codified at 43 CFR Part 3130, effective March 5, 2008, implemented the change in lease terms mandated by the Act.

Conservation of Surface Values for NPR-A Planning Area Land. The lessee, his agents, contractors, subcontractors, and operators (hereafter referred to as "Lessee") will operate within the resource management policy of the BLM. This policy is outlined in the NPRPA and the FLPMA which states that ". . . public lands will be managed in a manner that will protect the quality of scientific, scenic, historical, ecological, environmental, air and atmospheric, water resources, and archeological values that will provide food and habitat for fish and wildlife and domestic animals; and that will provide for outdoor recreation and human occupancy and use . . ." The Lessee will be required to protect these identified resource values and to operate in a manner which minimizes environmental impacts to the

identified resources in the 2025 NPR-A IAP ROD.

Prior to entry upon the NPR-A for purposes of conducting geophysical operations, the Lessee shall obtain a permit authorizing specific geophysical exploration activities from the BLM. Such permit shall provide for conditions, restrictions, and prohibitions as the AO deems necessary or appropriate to mitigate reasonably foreseeable and significant adverse effects upon the surface resources, including bonding for geophysical activities not covered by a lease bond, NPR-A-wide bond, or Nationwide bond with NPR-A and geophysical exploration riders.

The Lessee shall comply with all federal laws and regulations, including rules and regulations of the Secretary of Health and Human Services, the Environmental Protection Agency, and with state and local laws and codes governing the emission or discharge of pollutants from activities which are embraced in the lease permit. Surface disturbing activities may be prohibited during muddy and/or wet soil periods. This limitation does not apply to operations and maintenance of producing wells using authorized roads. During periods of adverse weather conditions, all activities creating irreparable impacts may be suspended. The lessee is advised that conducting activities related to leases issued as a result of this lease sale will be subject to 43 CFR Parts 3130, 3160 and 3171. BLM will add such site specific stipulations derived from the Environmental Assessment / Environmental Impact Statement and the associated field examination, as necessary, to ensure conservation of resource values. These will be in addition to stipulations attached to and made a part of each oil and gas lease.

Gravel Extraction. The oil and gas lease does not entitle the Lessee to NPR-A gravel resources. Use of federal gravel resources must be in compliance with BLM regulations, which require, among other things, that a mineral material sale contract be obtained from the appropriate office (Arctic District Office) for the purpose of gravel extraction and use. Use of sand and gravel from Certified Native Allotments must be arranged with the allottee and the Bureau of Indian Affairs. The Lessee is advised that gravel is a scarce commodity within the Reserve, so conservation of gravel is of utmost concern.

Endangered Species Act Section 7 Consultation Stipulation. The lease area may now or hereafter contain plants, animals, or their habitats determined to be threatened, endangered, or other special status species. The 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 species or their habitat. The 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. The 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.

Cultural Resources and Tribal Consultation Stipulation. 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.

Equal Employment Opportunity. The Lessee is advised that, during the period of operations within NPR-A, the Lessee will ensure equal employment opportunity consistent with the authority contained in Section 10 of the Oil and Gas Lease Form.

12. Detailed Statement of Sale.

Copies of this DSS and the individual Exhibits contained therein are available from the BLM Alaska State Office, either by written request, the BLM website, or by telephone request at (907) 271-5960.

13. Information to Lessees

Section 349(f) of the Energy Policy Act of 2005 (42 U.S.C. 6506a) provides for the reimbursement for reclaiming orphaned (legacy) wells.

When any federal lessee or its agent plugs a legacy well or reclaims the surface of a legacy well site on federal lands, the lessee may enter into an agreement with the AO. The purpose of this agreement is to obtain a credit against a portion of the royalties due under the lessees' federal lease. The legacy well may be a well on any leased or un-leased federal land that the lessee is not legally responsible to reclaim.

Please contact Rob Brumbaugh, Section Chief for Oil and Gas at 907-271-4429 for additional information if any lands offered for lease contain a legacy well or legacy well related surface site.

Before undertaking any plugging and reclamation work under this legacy well program, the lessee must enter into an agreement with the AO. The lessee will need to obtain prior approval of the work planned and the type and estimated amount of costs before undertaking any plugging or reclamation work. After work is completed, the lessee must submit an itemized statement of the costs incurred. The AO must ensure that the lessee submits sufficient documentation to enable a determination that the costs are reasonable. If the AO determines that the costs are reasonable, the AO will approve the royalty credit amount. The AO must then notify by memorandum the Washington Office (310) and the Office of Natural Resource Revenue (ONRR) of the credit and the amount.

A royalty credit earned by one party may be transferred or sold to any other qualified party on the condition that the transferee specifically agrees to the terms governing the credit to which the lessee agreed. The parties involved are responsible for notifying ONRR of any royalty credit transfers and submit transferees' written agreement. The BLM will specify the form and content of the agreement.

The following Exhibits are included in the DSS and contain additional information essential for bidders. Bidders are expected to understand the information contained therein.

Exhibit A: Locator Map Tracts Offered

Exhibit B: Description of the Tracts Offered

Exhibit C: Appendix A of the NPR-A Record of Decision with the Lease Stipulations and Required Operating Procedures

Exhibit D: Bid Form and Envelope

Exhibit E: Bidder Contact Form

Exhibit F: Oil and Gas Lease Bond Form 3000-4 (This form may be used for lease, statewide, nationwide, or NPR-A-wide bonds).

Exhibit G: Geophysical Exploration Rider Form for Use with NPR-A-wide bonds

Exhibit H: Sample Lease Form AK-3130-1

EXHIBIT A

Locator Map of Tracts Offered



National Petroleum Reserve in Alaska, 2026 Lease Sale Tracts Offered

DEPT. OF THE INTERIOR | BUREAU OF LAND MANAGEMENT | ALASKA

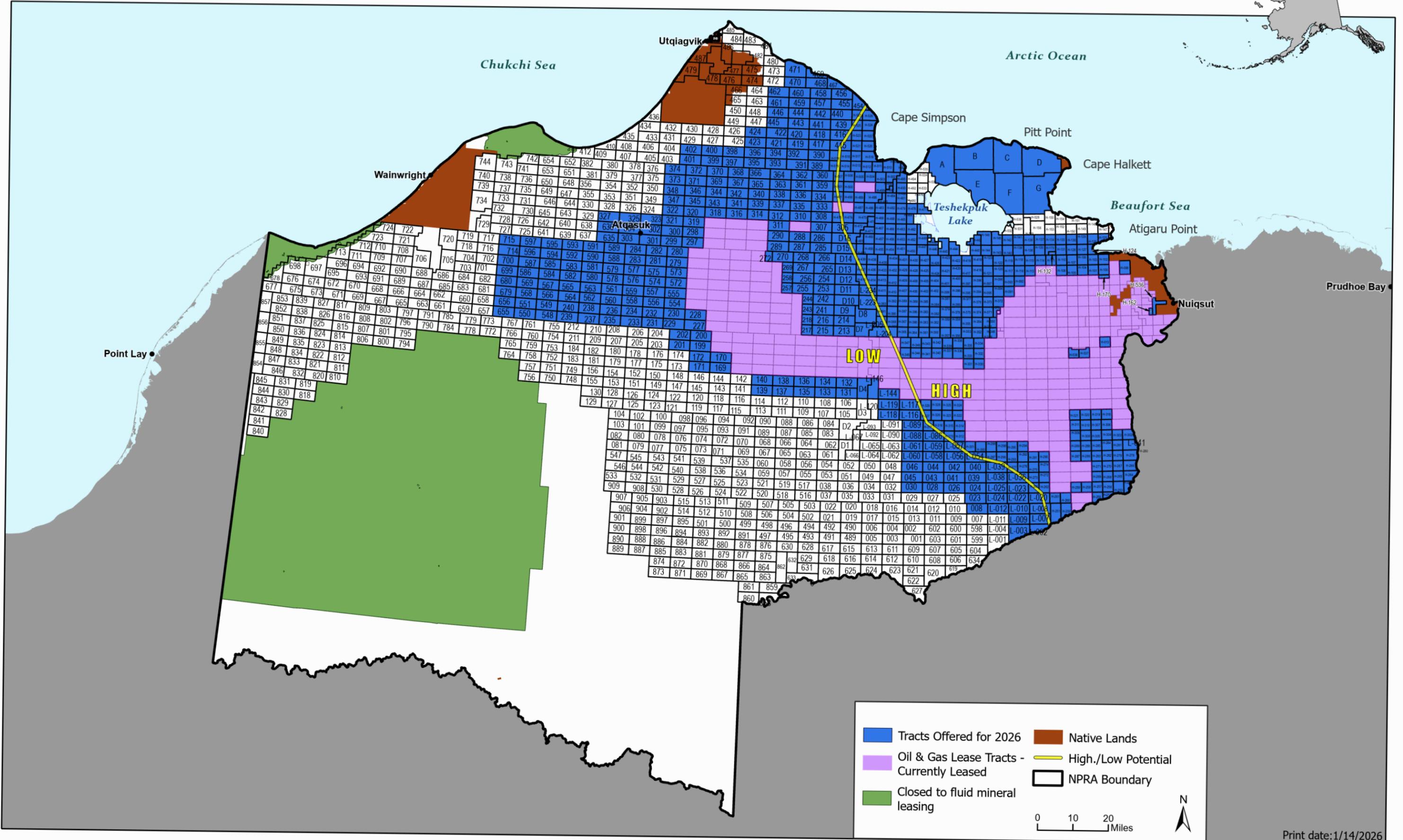


EXHIBIT B

DESCRIPTION OF TRACTS OFFERED

NOTE 1 All lands are based on the Umiat Meridian.

NOTE 2 In addition to the Tract-specific K stipulations, all of the stipulations in Exhibits C are applicable to all lands to be leased and will be attached to and made a part of each such lease.

NOTE 3 Exhibit B is based on the BLM's current mapping. Stipulations apply to all leases as appropriate based upon mapping current at the time of application for BLM authorization for post-leasing activity.

NPR-A H-Tracts Offered

<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-H-013	T8N, R1E	Secs. 1-3, 10-15 K-1	5,760
2026-H-091	T11N, R4W	Secs. 19-21, 28-33 K-1, K-2, K-8	5,652
2026-H-092	T11N, R4W	Secs. 1-3, 10-15 K-1, K-2, K-8	5,760
2026-H-093	T11N, R4W	Secs. 4-9, 16-18 K-1, K-2, K-8	5,628
2026-H-094	T11N, R5W	Secs. 22-27, 34-36 K-2, K-8, K-10	5,760
2026-H-095	T11N, R5W	Secs. 19-21, 28-33 K-2, K-8, K-10	5,652
2026-H-096	T11N, R5W	Secs. 1-3, 10-15 K-1, K-2, K-8	5,760
2026-H-097	T11N, R5W	Secs. 4-9, 16-18 K-2, K-8	5,628
2026-H-098	T12N, R2E	Secs. 13-15, 22-27, 34-36 K-1, K-2	7,680
2026-H-100	T12N, R1E	Secs. 22-27, 34-36 K-8	5,760
2026-H-101	T12N, R1E	Secs. 19-21, 28-33 K-8	5,604
2026-H-102	T12N, R1E	Secs. 1-3, 10-15 K-5, K-8	5,760
2026-H-103	T12N, R1E	Secs. 4-9, 16-18 K-1, K-5, K-8	5,580
2026-H-104	T 12N, R1W	Secs. 22-27, 34-36 K-1, K-8	5,760
2026-H-105	T12N, R1W	Secs. 19-21, 28-33 K-1, K-8	5,604
2026-H-106	T12N, R1W	Secs. 1-3, 10-15 K-1, K-5, K-8	5,760
2026-H-107	T12N, R1W	Secs. 4-9, 16-18 K-1, K-8	5,580
2026-H-108	T12N, R2W	Secs. 22-27, 34-36 K-1, K-8	5,760
2026-H-110	T12N, R2W	Secs. 1-3, 10-15 K-8	5,760
2026-H-111	T12N, R2W	Secs. 4-9, 16-18 K-8	5,580
2026-H-113	T12N, R3W	Secs. 19-21, 28-33 K-8	5,604
2026-H-114	T12N, R3W	Secs.1-3, 10-15 K-8	5,760

NPR-A H-Tracts Offered

<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-H-115	T12N, R3W	Secs. 4-9, 16-18 K-8	5,580
2026-H-116	T12N, R4W	Secs. 22-27, 34-36 K-8	5,760
2026-H-117	T12N, R4W	Secs. 19-21, 28-33 K-8	5,604
2026-H-118	T12N, R4W	Secs. 1-3, 10-15 K-8	5,760
2026-H-119	T12N, R4W	Secs. 4-9, 16-18 K-8	5,580
2026-H-120	T12N, R5W	Secs. 22-27, 34-36 K-8	5,760
2026-H-121	T12N, R5W	Secs. 19-21, 28-33 K-8	5,604
2026-H-122	T12N, R5W	Secs. 1-3, 10-15 K-8	5,760
2026-H-123	T12N, R5W	Secs. 4-9, 16-18 K-8	5,580
2026-H-124	T13N, R1E	Secs. 19, 20, 29-36 K-1, K-5, K-8	4,240
2026-H-125	T13N, R1E	Secs. 1-3, 10-15 K-2, K-5, K-8	4,175
2026-H-126	T13N, R1E	Secs. 4-9, 16-18 K-2, K-5, K-8	5,582
2026-H-127	T13N, R1W	Secs. 22-27, 34-36 K-1, K-5, K-8	5,760
2026-H-128	T13N, R1W	Secs. 19-21, 28-33 K-1, K-8	5,748
2026-H-129	T13N, R1W	Secs. 1-3, 10-15 K-8	5,760
2026-H-130	T13N, R1W	Secs. 4-9, 16-18 K-8	5,723
2026-H-131	T13N, R2W	Secs. 22-27, 34-36 K-8	5,760
2026-H-132	T13N, R2W	Secs. 32-33 K-8	1,280
2026-H-133	T13N, R2W	Secs. 1-3, 10-15 K-8	5,760
2026-H-134	T13N, R2W	Secs. 4-9, 16-18 K-8	5,723
2026-H-135	T13N, R3W	Secs. 22-27, 34-36 K-8	5,760
2026-H-136	T13N, R3W	Secs. 19-21, 28-33 K-8	5,748

NPR-A H-Tracts Offered

<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-H-137	T13N, R3W	Secs. 1-3, 10-15 K-8	5,760
2026-H-138	T13N, R3W	Secs. 4-9, 16-18 K-6, K-8	5,723
2026-H-139	T13N, R4W	Secs. 22-27, 34-36 K-8	5,760
2026-H-140	T13N, R4W	Secs. 19-21, 28-33 K-8	5,748
2026-H-141	T13N, R4W	Secs. 1-3, 10-15 K-6, K-8	5,760
2026-H-142	T13N, R4W	Secs. 4-9, 16-18 K-6, K-8	5,723
2026-H-143	T13N, R5W	Secs. 22-27, 34-36 K-8	5,760
2026-H-144	T13N, R5W	Secs. 19-21, 28-33 K-8	5,748
2026-H-145	T13N, R5W T14N, R5W	Secs. 1-3, 10-15 Secs. 34, 35 K-1, K-8, K-12	7,040
2026-H-146	T13N, R5W T14N, R5W T14N, R6W	Secs. 4-9, 16-18 Secs. 31-33 Sec. 36 K-1, K-8, K-12	8,265
2026-H-162	T10N, R3E	Secs. 25 & 36	1,280
2026-H-170	T11N, R1E	Secs. 1-3	1,920
2026-H-173	T13N, R2W	Secs. 19-21, 28-31 K-8	4,468
2026-H-250	T1S, R2W	Secs. 1-3, 10-15, 22-24, 26, 27 K-1	7,460
2026-H-251	T1S, R2W	Secs. 4-9, 16-21, 28-33 K-1	10,319
2026-H-252	T1N, R2E	Secs. 1-3, 10-12, 14, 15, 22, 23 K-1, K-13	4,130
2026-H-253	T1N, R2E	Secs. 4-9, 16-21 K-1	6,646
2026-H-254	T1N, R1E	Secs. 22-27, 34 K-1	3,006
2026-H-255	T1N, R1E	Secs. 19-21, 28-33 K-1, K-12	4,966
2026-H-256	T1N, R1E	Secs. 1-3, 10-15 K-1	5,760

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<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-H-257	T1N, R1E	Secs. 4-9, 16-18	5,725
2026-H-258	T1N, R1W	Secs. 1-3, 10-15 K-1	5,760
2026-H-259	T1N, R1W	Secs. 4-9, 16-18 K-1	5,725
2026-H-260	T1N, R2W	Secs. 22-27, 34-36	5,760
2026-H-261	T1N, R2W	Secs. 19-21, 28-33	5,749
2026-H-262	T1N, R3W	Secs. 1-3, 10-15 K-1	5,760
2026-H-263	T1N, R3W	Secs. 4-9, 16-18 K-1	5,725
2026-H-264	T2N, R2E T2N, R3E	Secs. 22-27, 34-36 Secs. 19, 20, 30, 31 K-1	6,710
2026-H-265	T2N, R2E	Secs. 19-21, 28-33 K-1	5,702
2026-H-266	T2N, R2E T2N, R3E	Secs. 1-3, 10-15 Secs. 5-7, 17, 18 K-1	7,237
2026-H-267	T2N, R2E	Secs. 4-9, 16-18 K-1	5,679
2026-H-268	T2N, R1E	Secs. 22-27, 34-36 K-1	5,760
2026-H-269	T2N, R1E	Secs. 19-21, 28-33 K-1	5,702
2026-H-270	T2N, R1E	Secs. 1-3, 10-15 K-1	5,760
2026-H-271	T2N, R1E	Secs. 4-9, 16-18 K-1	5,679
2026-H-272	T2N, R3W	Secs. 22-27, 34-36 K-1	5,760
2026-H-273	T2N, R3W	Secs. 19-21, 28-33 K-1	5,702
2026-H-274	T2N, R3W	Secs. 1-3, 10-15 K-1	5,760
2026-H-275	T2N, R3W	Secs. 4-9, 16-18 K-1	5,679
2026-H-276	T2N, R4W	Secs. 1-3, 10-15 K-1	5,760
2026-H-277	T2N, R4W	Secs. 4-9, 16-18 K-1	5,679

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<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-H-278	T3N, R2E T3N, R3E	Secs. 22-27, 34-36 Secs. 19, 20, 29-32 K-1	7,967
2026-H-279	T3N, R2E	Secs. 19-21, 28-33 K-1	5,656
2026-H-280	T3N, R2E T3N, R3E	Secs. 1-3, 10-15 6-8, 17, 18 K-1	7,845
2026-H-281	T3N, R2E	Secs. 4-9, 16-18 K-1	5,633
2026-H-282	T3N, R1E	Secs. 22-27, 34-36 K-1	5,760
2026-H-283	T3N, R1E	Secs. 19-21, 28-33 K-1	5,656
2026-H-284	T3N, R1E	Secs. 1-3, 10-15 K-1	5,760
2026-H-285	T3N, R1E	Secs. 4-9, 16-18 K-1	5,633
2026-H-286	T3N, R1W	Secs. 22-27, 34-36 K-1	5,760
2026-H-287	T3N, R1W	Secs. 19-21, 28-33 K-1	5,656
2026-H-288	T3N, R1W	Secs. 1-3, 10-15 K-1	5,760
2026-H-289	T3N, R1W	Secs. 4-9, 16-18 K-1	5,633
2026-H-290	T3N, R3W	Secs. 22-27, 34-36 K-1	5,760
2026-H-291	T3N, R3W	Secs. 19-21, 28-33 K-1	5,656
2026-H-292	T3N, R4W	Secs. 22-27, 34-36 K-1	5,760
2026-H-293	T3N, R4W	Secs. 19-21, 28-33 K-1	5,656
2026-H-294	T3N, R4W	Secs. 1-3, 10-15 K-1	5,760
2026-H-295	T3N, R4W	Secs. 4-9, 16-18 K-1	5,633
2026-H-296	T3N, R5W	Secs. 22-27, 34-36 K-1	5,760
2026-H-297	T3N, R5W	Secs. 19-21, 28-33 K-1	5,656
2026-H-298	T3N, R5W	Secs. 1-3, 10-15 K-1	5,760

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<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-H-299	T3N, R5W	Secs. 4-9, 16-18	5,633
2026-H-300	T3N, R6W	Secs. 1-3, 10-15	5,760
2026-H-301	T3N, R6W	Secs. 4-9, 16-18	5,633
2026-H-302	T4N, R2E T4N, R3E	Secs. 22-27, 34-36 Secs. 19, 30, 31 K-1	6,311
2026-H-303	T4N, R2E	Secs. 19-21, 28-33 K-1	5,610
2026-H-304	T4N, R1E	Secs. 22-27, 34-36 K-1	5,760
2026-H-305	T4N, R1E	Secs. 19-21, 28-33 K-1	5,610
2026-H-306	T4N, R1E	Secs. 1-3, 10-15 K-1	5,760
2026-H-307	T4N, R1E	Secs. 4-9, 16-18	5,586
2026-H-308	T4N, R1W	Secs. 22-27, 34-36 K-1	5,760
2026-H-309	T4N, R1W	Secs. 19-21, 28-33 K-1	5,610
2026-H-310	T4N, R1W	Secs. 1-3, 10-15 K-1	5,760
2026-H-311	T4N, R1W	Secs. 4-9, 16-18 K-1	5,586
2026-H-312	T4N, R7W	Secs. 22-27, 34-36	5,760
2026-H-313	T4N, R7W	Secs. 19-21, 28-33	5,610
2026-H-314	T4N, R7W	Secs. 1-3, 10-15	5,760
2026-H-315	T4N, R7W	Secs. 4-9, 16-18	5,586
2026-H-316	T4N, R8W	Secs. 1-3, 10-15	5,760
2026-H-317	T4N, R8W	Secs. 4-9, 16-18	5,586
2026-H-318	T5N, R1E	Secs. 22-27, 34-36 K-1	5,760
2026-H-319	T5N, R1E	Secs. 19-21, 28-33 K-1	5,748
2026-H-320	T5N, R1W	Secs. 22-27, 34-36 K-1	5,760

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<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-H-321	T5N, R1W	Secs. 19-21, 28-33 K-1	5,748
2026-H-322	T5N, R7W	Secs. 22-27, 34-36 K-2	5,760
2026-H-323	T5N, R7W	Secs. 19-21, 28-33	5,748
2026-H-324	T5N, R7W	Secs. 1-3, 10-15 K-2	5,760
2026-H-325	T5N, R7W	Secs. 4-9, 16-18	5,725
2026-H-326	T5N, R8W	Secs. 22-27, 34-36	5,760
2026-H-327	T5N, R8W	Secs. 19-21, 28-33	5,748
2026-H-328	T5N, R8W	Secs. 1-3, 10-15	5,760
2026-H-329	T5N, R8W	Secs. 4-9, 16-18 K-2	5,725
2026-H-330	T7N, R6W	Secs. 1-3, 10-15 K-2	5,760
2026-H-331	T7N, R6W	Secs. 4-9, 16-18 K-2	5,631
2026-H-332	T8N, R6W	Secs. 22-27, 34-36 K-2	5,760
2026-H-333	T8N, R6W	Secs. 19-21, 28-33 K-2	5,607
2026-H-334	T8N, R6W	Secs. 1-3, 10-15 K-2	5,760
2026-H-335	T8N, R6W	Secs. 4-9, 16-18 K-2	5,583
2026-H-336	T8N, R7W	Secs. 22-27, 34-36 K-2	5,760
2026-H-337	T8N, R7W	Secs. 19-21, 28-33	5,607
2026-H-338	T8N, R7W	Secs. 1-3, 10-15 K-2	5,760
2026-H-339	T8N, R7W	Secs. 4-9, 16-18	5,583
2026-H-340	T8N, R8W	Secs. 22-27, 34-36	5,760
2026-H-341	T8N, R8W	Secs. 19-21, 28-33 K-2	5,607
2026-H-342	T8N, R8W	Secs. 1-3, 10-15 K-2	5,760

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<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-H-343	T8N, R8W	Secs. 4-9, 16-18 K-2	5,583
2026-H-344	T8N, R9W	Secs. 22-27, 34-36 K-2	5,760
2026-H-345	T8N, R9W	Secs. 19-21, 28-33 K-2	5,607
2026-H-346	T8N, R9W	Secs. 1-3, 10-15 K-2	5,760
2026-H-347	T8N, R9W	Secs. 4-9, 16-18 K-2	5,583
2026-H-348	T9N, R5W	Secs. 21, 22, 27, 28, 33, 34 K-2	3,840
2026-H-349	T9N, R5W	Secs. 19, 20, 29-32 K-2	3,828
2026-H-350	T9N, R5W	Secs. 3, 4, 9, 10, 15, 16 K-2	3,840
2026-H-351	T9N, R5W	Secs. 5-8, 17, 18 K-2	3,804
2026-H-352	T9N, R6W	Secs. 22-27, 34-36 K-2	5,760
2026-H-353	T9N, R6W	Secs. 19-21, 28-33 K-2	5,748
2026-H-354	T9N, R6W	Secs. 1-3, 10-15 K-2	5,760
2026-H-355	T9N, R6W	Secs. 4-9, 16-18 K-2	5,724
2026-H-356	T9N, R7W	Secs. 22-27, 34-36 K-2	5,760
2026-H-357	T9N, R7W	Secs. 19-21, 28-33 K-2	5,748
2026-H-358	T9N, R7W	Secs. 1-3, 10-15 K-2	5,760
2026-H-359	T9N, R7W	Secs. 4-9, 16-18 K-2	5,724
2026-H-360	T9N, R8W	Secs. 22-27, 34-36 K-2	5,760
2026-H-361	T9N, R8W	Secs. 19-21, 28-33 K-2	5,748
2026-H-362	T9N, R8W	Secs. 1-3, 10-15 K-2	5,760
2026-H-363	T9N, R8W	Secs. 4-9, 16-18 K-2	5,724
2026-H-364	T9N, R9W	Secs. 22-27, 34-36 K-2	5,760

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<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-H-365	T9N, R9W	Secs. 19-21, 28-33 K-2	5,748
2026-H-366	T9N, R9W	Secs. 1-3, 10-15 K-2	5,760
2026-H-367	T9N, R9W	Secs. 4-9, 16-18 K-2	5,724
2026-H-368	T9N, R10W	Secs. 1-3, 10-15	5,760
2026-H-369	T9N, R10W	Secs. 4-9, 16-18	5,724
2026-H-370	T10N, R5W	Secs. 22, 23, 27, 34 K-2, K-10	2,560
2026-H-371	T10N, R5W	Secs. 19-21, 28-33 K-2, K-10	5,700
2026-H-372	T10N, R5W	Secs. 1-3, 10-15 K-2, K-8, K-10	5,760
2026-H-373	T10N, R5W	Secs. 4-9, 16-18 K-2, K-8, K-10	5,676
2026-H-374	T10N, R6W	Secs. 22-27, 34-36 K-2	5,760
2026-H-375	T10N, R6W	Secs. 19-21, 28-33 K-2	5,700
2026-H-376	T10N, R6W	Secs. 1-3, 10-15 K-2, K-8	5,760
2026-H-377	T10N, R6W	Secs. 4-9, 16-18 K-2, K-8	5,676
2026-H-378	T10N, R7W	Secs. 22-27, 34-36 K-2	5,760
2026-H-379	T10N, R7W	Secs. 19-21, 28-33 K-2	5,700
2026-H-380	T10N, R7W	Secs. 1-3, 10-15 K-2, K-8	5,760
2026-H-381	T10N, R7W	Secs. 4-9, 16-18 K-2, K-8	5,676
2026-H-382	T10N, R8W	Secs. 22-27, 34-36 K-2	5,760
2026-H-383	T10N, R8W	Secs. 19-21, 28-33 K-2	5,700
2026-H-384	T10N, R8W	Secs. 1-3, 10-15 K-8	5,760
2026-H-385	T10N, R8W	Secs. 4-9, 16-18 K-2, K-8	5,676
2026-H-386	T10N, R9W	Secs. 22-27, 34-36 K-2	5,760

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<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-H-387	T10N, R9W	Secs. 19-21, 28-33 K-2	5,700
2026-H-388	T10N, R9W	Secs. 1-3, 10-15 K-2, K-8	5,760
2026-H-389	T10N, R9W	Secs. 4-9, 16-18 K-2, K-8	5,676
2026-H-390	T10N, R10W	Secs. 22-27, 34-36 K-2	5,760
2026-H-391	T10N, R10W	Secs. 19-21, 28-33	5,700
2026-H-392	T10N, R10W	Secs. 1-3, 10-15 K-2, K-8	5,760
2026-H-393	T10N, R10W	Secs. 4-9, 16-18 K-2, K-8	5,676
2026-H-394	T11N, R6W	Secs. 22-27, 34-36 K-2, K-8	5,760
2026-H-395	T11N, R6W	Secs. 19-21, 28-33 K-2, K-8	5,652
2026-H-396	T11N, R6W	Secs. 1-3, 10-15 K-2, K-8	5,760
2026-H-397	T11N, R6W	Secs. 4-9, 16-18 K-2, K-8	5,628
2026-H-398	T11N, R7W	Secs. 22-27, 34-36 K-2, K-8	5,760
2026-H-399	T11N, R7W	Secs. 19-21, 28-33 K-8	5,652
2026-H-400	T11N, R7W	Secs. 1-3, 10-15 K-2, K-8	5,760
2026-H-401	T11N, R7W	Secs. 4-9, 16-18 K-8	5,628
2026-H-402	T11N, R8W	Secs. 22-27, 34-36 K-2, K-8	5,760
2026-H-403	T11N, R8W	Secs. 19-21, 28-33 K-2, K-8	5,652
2026-H-404	T11N, R8W	Secs. 1-3, 10-15 K-2, K-8	5,760
2026-H-405	T11N, R8W	Secs. 4-9, 16-18 K-8	5,628
2026-H-406	T11N, R9W	Secs. 22-27, 34-36 K-2, K-8	5,760
2026-H-407	T11N, R9W	Secs. 19-21, 28-33 K-2, K-8, K-12	5,652
2026-H-408	T11N, R9W	Secs. 1-3, 10-15 K-8	5,760

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<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-H-409	T11N, R9W	Secs. 4-9, 16-18 K-2, K-8, K-12	5,628
2026-H-410	T11N, R10W	Secs. 22-27, 34-36 K-2, K-8, K-12	5,760
2026-H-411	T11N, R10W	Secs. 19-21, 28-33 K-2, K-8	5,652
2026-H-412	T11N, R10W	Secs. 1-3, 10-15 K-2, K-8, K-12	5,760
2026-H-413	T11N, R10W	Secs. 4-9, 16-18 K-2, K-8	5,628
2026-H-414	T11N, R11W	Secs. 1-3, 10-15 K-2, K-8	5,760
2026-H-415	T11N, R11W	Secs. 4-9, 16, 17 K-1, K-8	5,029
2026-H-416	T12N, R6W	Secs. 22-27, 34-36 K-8	5,760
2026-H-417	T12N, R6W	Secs. 19-21, 28-33 K-8	5,603
2026-H-418	T12N, R6W	Secs. 1-3, 10-15 K-8	5,760
2026-H-419	T12N, R6W	Secs. 4-9, 16-18 K-8	5,580
2026-H-420	T12N, R7W	Secs. 22-27, 34-36 K-8	5,760
2026-H-421	T12N, R7W	Secs. 19-21, 28-33 K-8	5,603
2026-H-422	T12N, R7W	Secs. 1-3, 10-15 K-8	5,760
2026-H-423	T12N, R7W	Secs. 4-9, 16-18 K-8	5,579
2026-H-424	T12N, R8W	Secs. 22-27, 34-36 K-8	5,760
2026-H-425	T12N, R8W	Secs. 19-21, 28-33 K-8	5,604
2026-H-426	T12N, R8W	Secs. 1-3, 10-15 K-8	5,760
2026-H-427	T12N, R8W	Secs. 4-9, 16-18 K-8	5,580
2026-H-428	T12N, R9W	Secs. 22-27, 34-36 K-8	5,760
2026-H-429	T12N, R9W	Secs. 19-21, 28-33 K-8	5,604
2026-H-430	T12N, R9W	Secs. 1-3, 10-15 K-8	5,760

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<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-H-431	T12N, R9W	Secs. 4-9, 16-18 K-8	5,580
2026-H-432	T12N, R10W	Secs. 22-27, 34-36 K-2, K-8	5,760
2026-H-433	T12N, R10W	Secs. 19-21, 28-33 K-8	5,604
2026-H-434	T12N, R10W	Secs. 1-3, 10-15 K-8	5,760
2026-H-435	T12N, R10W	Secs. 4-9, 16-18 K-8	5,580
2026-H-436	T12N, R11W	Secs. 22-27, 34-36 K-2, K-8	5,760
2026-H-437	T12N, R11W	Secs. 19-21, 28-33 K-1, K-2, K-8	5,604
2026-H-438	T12N, R11W	Secs. 1-3, 10-15 K-2, K-8	5,760
2026-H-439	T12N, R11W	Secs. 4-9, 16-18 K-1, K-8	5,580
2026-H-440	T13N, R6W	Secs. 22-27, 34-36 K-8	5,760
2026-H-442	T13N, R6W	Secs. 1-2, 11-14 K-8	3,840
2026-H-443	T13N, R6W	Secs. 10, 15, 16 K-8	1,920
2026-H-444	T13N, R7W	Secs. 14, 15, 22-27, 34-36 K-1, K-8	7,040
2026-H-445	T13N, R7W	Secs. 7-9, 16-17, 20-21, 28-33 K-1, K-8	8,302
2026-H-446	T13N, R8W	Secs. 22-27, 34-36 K-8	5,760
2026-H-447	T13N, R8W	Secs. 19-21, 28-33 K-8	5,748
2026-H-448	T13N, R8W	Secs. 3, 11, 13-15 K-1, K-8	3,200
2026-H-449	T13N, R8W T14N, R8W	Secs. 4-9, 16-18 Secs. 19, 30, 31 K-1, K-8	7,582
2026-H-450	T13N, R9W	Secs. 22-27, 34-36 K-8	5,760
2026-H-451	T13N, R9W	Secs. 19-21, 28-33 K-8	5,748
2026-H-452	T13N, R9W	Secs. 1-3, 10-15 K-8	5,760

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<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-H-453	T13N, R9W	Secs. 4-9, 16-18 K-8	5,723
2026-H-454	T13N, R10W	Secs. 22-27, 34-36 K-8	5,760
2026-H-455	T13N, R10W	Secs. 19-21, 28-33 K-8	5,748
2026-H-456	T13N, R10W	Secs. 1-3, 10-15 K-8	5,760
2026-H-457	T13N, R10W	Secs. 4-9, 16-18 K-8	5,723
2026-H-458	T13N, R11W	Secs. 22-27, 34-36 K-8	5,760
2026-H-459	T13N, R11W	Secs. 20, 21, 28, 29, 32, 33 K-1, K-8	3,840
2026-H-460	T13N, R11W	Secs. 1-3, 10-15 K-1, K-2, K-8	5,760
2026-H-461	T13N, R11W	Secs. 4, 8-9, 16-17 K-1, K-8	3,200
2026-H-462	T14N, R9W	Secs. 22-27, 34-36 K-8	5,760
2026-H-463	T14N, R9W	Secs. 19-21, 28-33 K-8	5,699
2026-H-464	T14N, R9W	Secs. 2,3, 10, 11, 14, 15 K-8	3,840
2026-H-465	T14N, R9W	Secs. 4-9, 16-18 K-8	5,675
2026-H-466	T14N, R10W	Secs. 22-27, 34-36 K-8	5,760
2026-H-467	T14N, R10W	Secs. 19-21, 28-33 K-8	5,699
2026-H-468	T14N, R10W	Secs. 1-3, 10-15 K-8	5,760
2026-H-469	T14N, R10W	Secs. 4-9, 16-18 K-8	5,675
2026-H-470	T14N, R11W	Secs. 11-14, 23, 24 K-1, K-8	3,840
2026-H-471	T14N, R11W	Secs. 25-27, 33-36 K-1, K-8	4,480
2026-H-472	T14N, R11W	Secs. 19-22, 28-32 K-1, K-8	5,699
2026-H-473	T14N, R11W	Secs. 1-10, 15-18 K-1, K-8	8,875
2026-H-474	T14N, R12W	Secs. 1-3, 10-15 K-1, K-8	5,760

NPR-A H-Tracts Offered

<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-H-475	T14N, R12W	Secs. 4-9, 16-18 K-1, K-8	5,675
2026-H-477	T15N, R8W	Secs. 19, 20, 28-34 K-1, K-8	5,650
2026-H-478	T15N, R9W	Secs. 22-27, 34-36 K-1, K-8, K-12	5,760
2026-H-479	T15N, R9W	Secs. 19-21, 28-33 K-1, K-8, K-12	5,650
2026-H-481	T15N, R9W	Secs. 4-9, 16-18 K-1, K-8, K-12	5,625
2026-H-482	T15N, R10W	Secs. 22-27, 34-36 K-8	5,760
2026-H-483	T15N, R10W	Secs. 19-21, 28-33 K-1, K-8	5,650
2026-H-484	T15N, R10W	Secs. 1-3, 10-15 K-1, K-8, K-12	5,760
2026-H-485	T15N, R10W	Secs. 4, 9, 16, 17 K-1, K-8, K-12	2,560
2026-H-486	T15N, R11W	Secs. 22-27, 34-36 K-1, K-8	5,760
2026-H-487	T15N, R11W	Secs. 19-21, 28-33 K-1, K-8	5,650
2026-H-488	T15N, R10W T15N, R11W	Secs. 5-8, 18 Secs. 1-3, 10-15 K-1, K-8	8,825
2026-H-489	T15N, R11W	Secs. 4-9, 16-18 K-1, K-8	5,625
2026-H-490	T15N, R12W	Secs. 1-3, 10-15 K-2, K-8	5,760
2026-H-491	T15N, R12W	Secs. 4-9, 16-18 K-1, K-8	5,625
2026-H-493	T16N, R9W	Secs. 19-21, 28-33 K-6, K-8	5,601
2026-H-495	T16N, R9W	Secs. 4-9, 16-18 K-1, K-5, K-6, K-8	4,937
2026-H-496	T16N, R10W	Secs. 13, 24, 25, 36 K-1, K-8	2,560
2026-H-497	T16N, R10W	Secs. 26, 34, 35 K-1, K-8	1,920
2026-H-498	T16N, R10W	Secs. 22,23, 27 K-1, K-8	1,920
2026-H-499	T16N, R10W	Secs. 19-21, 28-33 K-1, K-8, K-12	5,601
2026-H-500	T16N, R12W	Secs. 22-27, 34-36 K-2, K-8	5,760

NPR-A H-Tracts Offered

<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-H-501	T16N, R12W	Secs. 19-21, 28-33 K-1, K-2	5,601
2026-H-502	T16N, R9W T16N, R10W	Sec. 6 Secs. 1-3, 10-15 K-1, K-5, K-6, K-8	5,696
2026-H-503	T16N, R10W	Secs. 4-9, 16-18 K-1, K-5, K-8	5,576
2026-H-504	T16N, R11W	Secs. 1-3, 10-15 K-2, K-5, K-8	5,760
2026-H-505	T16N, R11W	Secs. 4-9, 16-18 K-2	5,577
2026-H-506	T16N, R12W	Secs. 1-3, 10-15 K-2	5,760
2026-H-507	T16N, R12W	Secs. 4-9, 16-18 K-1, K-2, K-12	5,577
2026-H-508	T17N, R9W	Secs. 16, 21, 22, 27, 28, 33, 34 K-1, K-5, K-6, K-7, K-8	2,030
2026-H-509	T17N, R9W	Secs. 18-20, 29-32 K-1, K-5, K-6, K-7, K-8	4,294
2026-H-510	T17N, R10W	Secs. 13-15, 22-27, 34-36 K-1, K-5, K-7, K-8	7,002
2026-H-511	T17N, R10W	Secs. 19-21, 28-33 K-2, K-5, K-7, K-8	5,748
2026-H-512	T17N, R11W	Secs. 22-27, 34-36 K-2, K-5, K-7	5,760
2026-H-513	T17N, R11W	Secs. 19-21, 28-33 K-2, K-7	5,748
2026-H-514	T17N, R12W	Secs. 22-27, 34-36 K-1, K-2, K-12	5,760
2026-H-515	T17N, R12W	Secs. 19-21, 28-33 K-1, K-12, K-2	5,748
2026-H-516	T17N, R10W T17N, R11W	Secs. 6-8, 16-18 Secs. 1-3, 10-15 K-2, K-5, K-7	8,234
2026-H-517	T17N, R11W	Secs. 4-9, 16-18 K-2, K-5, K-7	5,723
2026-H-518	T17N, R12W	Secs. 1-3, 10-15	5,760
2026-H-519	T17N, R12W	Secs. 4-9, 16-18 K-1, K-2	5,723
2026-H-520	T18N, R10W T18N, R11W	Secs. 19, 30-31 Secs. 22-27, 34-36 K-5, K-7	7,008
2026-H-521	T18N, R11W	Secs. 19-21, 28-33 K-5, K-7	5,698

NPR-A H-Tracts Offered

<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-H-522	T18N, R10W T18N, R11W	Secs. 6-7, 18 Secs. 1-3, 10-15 K-5	6,652
2026-H-523	T18N, R11W	Secs. 4-9, 16-18 K-7	5,673
2026-H-524	T19N, R10W T19N, R 11W	Sec. 19, 20, 30,31 Secs. 22-27, 34-36 K-5	7,166
2026-H-525	T19N, R11W	Secs. 19-21, 28-33 K-7	5,648
2026-H-526	T19N, R10W T19N, R11W	Secs. 6-8, 17, 18 Secs 1-3, 10-15 K-5, K-12	6,765
2026-H-527	T19N, R11W	Secs. 4-9, 16-18 K-7	5,623
2026-H-536	T10N, R4E	Secs. 7, 15-19, 30, 31 K-1	5,007
2026-H-537	T8N, R1W	Secs. 22-27, 34-36	5,120
2026-H-538	T8N, R1W	Secs. 19-21, 28-33	4,967
		TOTAL H TRACTS	1,869,172

NPR-A L-Tracts Offered

Tract #	MTR	SEC	ACRES
2026-L-002	T2S, R3W	Secs. 1-12, 15-18 K-1	7,432
2026-L-003	T2S, R4W	Secs. 1-23, 29-32 K-1	15,129
2026-L-007	T1S, R3W	Secs. 19-36 K-1	11,373
2026-L-008	T1S, R3W	Secs. 1-18	11,350
2026-L-009	T1S, R4W	Secs. 19-36	11,372
2026-L-010	T1S, R4W	Secs. 1-18	11,350
2026-L-012	T1S, R5W	Secs. 1-18	11,350
2026-L-020	T1N, R3W	Secs. 19-36 K-1	11,509
2026-L-022	T1N, R4W	Secs. 19-36	11,509
2026-L-023	T1N, R4W	Secs. 1-18 K-1	11,485
2026-L-024	T1N, R5W	Secs. 19-36	11,508
2026-L-025	T1N, R5W	Secs. 1-18 K-1	11,485
2026-L-036	T2N, R4W	Secs. 19-36 K-1	11,462
2026-L-038	T2N, R5W	Secs. 19-36 K-1	11,462
2026-L-039	T2N, R5W	Secs. 1-18 K-1	11,439
2026-L-054	T3N, R6W	Secs. 19-36	11,416
2026-L-056	T3N, R7W	Secs. 19-36	11,416
2026-L-057	T3N, R7W	Secs. 1-18	11,393
2026-L-058	T3N, R8W	Secs. 19-36	11,416
2026-L-059	T3N, R8W	Secs. 1-18	11,393
2026-L-060	T3N, R9W	Secs. 19-36	11,416
2026-L-061	T3N, R9W	Secs. 1-18	11,393
2026-L-086	T4N, R8W	Secs. 19-36	11,370
2026-L-088	T4N, R9W	Secs. 19-36 K-2	11,370
2026-L-089	T4N, R9W	Secs. 1-18 K-2	11,346
2026-L-116	T5N, R9W	Secs. 19-36 K-2	11,508
2026-L-117	T5N, R9W	Secs. 1-18 K-2	11,485
2026-L-118	T5N, R10W	Secs. 19-36	11,508
2026-L-119	T5N, R10W	Secs. 1-18	11,485
2026-L-144	T6N, R10W	Secs. 19-36	11,461
2026-L-146	T6N, R11W	Secs. 1-2, 11-15, 22-27, 34- 36	10,240

2026-L-204	T9N, R10W T9N, R11W	Secs. 19-36 Secs. 24-26, 35, 36 K-1, K-12, K-2	14,708
2026-L-205	T9N, R11W	Sec. 13 K-1	640
2026-L-223	T10N, R11W	Secs. 1-5, 8-17, 20-24 K-1, K-8	12,800
2026-L-234	T11N, R11W	Secs. 20-29, 32-36 K-1, K-12, K-2, K-8	9,600
		TOTAL L TRACTS	390,579

NPR-A #-Tracts Offered

<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-008	T1S, R6W	Secs. 1-18	11,350
2026-023	T1N, R6W	Secs. 19-36	11,509
2026-024	T1N, R6W	Secs. 1-18	11,485
2026-026	T1N, R7W	Secs. 1-18	11,485
2026-028	T1N, R8W	Secs. 1-18	11,485
2026-030	T1N, R9W	Secs. 1-18	11,485
2026-039	T2N, R6W	Secs. 19-36	11,462
2026-040	T2N, R6W	Secs. 1-18	11,439
2026-041	T2N, R7W	Secs. 19-36	11,462
2026-042	T2N, R7W	Secs. 1-18	11,439
2026-043	T2N, R8W	Secs. 19-36	11,462
2026-044	T2N, R8W	Secs. 1-18	11,439
2026-045	T2N, R9W	Secs. 19-36	11,462
2026-046	T2N, R9W	Secs. 1-18	11,439
2026-131	T6N, R12W	Secs. 19-36 K-1	11,461
2026-132	T6N, R12W	Secs. 1-18 K-1	11,437
2026-133	T6N, R13W	Secs. 19-36 K-1	11,461
2026-134	T6N, R13W	Secs. 1-18 K-1, K-2	11,437
2026-135	T6N, R14W	Secs. 19-36 K-1, K-2	11,461
2026-136	T6N, R14W	Secs. 1-18 K-1, K-2	11,437
2026-137	T6N, R15W	Secs. 19-36 K-1, K-2	11,462
2026-138	T6N, R15W	Secs. 1-18 K-2	11,437

NPR-A #-Tracts Offered

<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-139	T6N, R16W	Secs. 19-36 K-2	11,461
2026-140	T6N, R16W	Secs. 1-18 K-1, K-2	11,437
2026-169	T7N, R18W	Secs. 19-36 K-1	11,414
2026-170	TN, R18W	Secs. 1-18 K-1	11,391
2026-171	T7N, R19W	Secs. 19-36 K-1	11,414
2026-172	T7N, R19W	Secs. 1-18 K-1	11,391
2026-199	T8N, R19W	Secs. 19-36 K-1	11,367
2026-200	T8N, R19W	Secs. 1-18 K-1	11,343
2026-201	T8N, R20W	Secs. 19-36	11,367
2026-202	T8N, R20W	Secs. 1-18	11,343
2026-213	T9N, R12W	Secs. 19-36 K-2	11,508
2026-214	T9N, 12W	Secs. 1-18 K-1, K-2	11,484
2026-215	T9N, R13W	Secs. 19-36 K-1	11,508
2026-216	T9N, R13W	Secs. 1-18 K-1, K-2	11,484
2026-217	T9N, R14W	Secs. 22-27, 34-36 K-1	5,760
2026-218	T9N, R14W	Secs. 1-3, 10-15 K-1, K-2	5,760
2026-227	T9N, R19W	Secs. 19-36 K-1	11,508
2026-228	T9N, R19W	Secs. 1-18 K-1, K-2, K-12	11,484
2026-229	T9N, R20W	Secs. 19-36 K-1	11,508
2026-230	T9N, R20W	Secs. 1-18 K-1, K-2	11,484
2026-231	T9N, R21W	Secs. 19-36 K-1	11,508
2026-232	T9N, R21W	Secs. 1-18	11,484

NPR-A #-Tracts Offered

<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-233	T9N, R22W	Secs. 19-36 K-1	11,508
2026-234	T9N, R22W	Secs. 1-18 K-1	11,484
2026-235	T9N, R23W	Secs. 19-36 K-1	11,508
2026-236	T9N, R23W	Secs. 1-18 K-1	11,484
2026-237	T9N, R24W	Secs. 19-36 K-1	11,508
2026-238	T9N, R24W	Secs. 1-18 K-1	11,484
2026-239	T9N, R25W	Secs. 19-36	11,508
2026-240	T9N, R25W	Secs. 1-18 K-2	11,484
2026-241	10N, R13W	Secs. 19-36 K-1, K-2	11,460
2026-242	T10N, R13W	Secs. 1-18 K-1	11,436
2026-243	T10N, R14W	Secs. 22-27, 34-36 K-2	5,760
2026-244	T10N, R14W	Secs. 1-3, 10-15	5,760
2026-253	T11N, R13W	Secs. 19-36 K-1, K-2	11,412
2026-254	T11N, R13W	Secs. 1-18 K-1, K-2, K-8	11,388
2026-255	T11N, R14W	Secs. 19-36 K-2	11,412
2026-256	T11N, R14W	Secs. 1-18 K-2, K-12	11,388
2026-257	T11N, R15W	Secs. 22-27, 34-36	5,760
2026-258	T11N, R15W	Secs. 1-3, 10-15 K-2	5,760
2026-265	T12N, R13W	Secs. 19-36 K-1, K-2, K-8	11,364
2026-266	T12N, R13W	Secs. 1-18 K-1, K-2, K-8, K-12	11,340
2026-267	T12N, R14W	Secs. 19-36 K-2, K-12	11,364
2026-268	T12N, R14W	Secs. 1-18 K-2, K-8	11,340
2026-269	T12N, R15W	Secs. 22-27, 34-36 K-2	5,760

NPR-A #-Tracts Offered

<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-270	T12N, R15W	Secs. 1-18 K-1, K-2, K-8	11,340
2026-272	T12N, R16W	Secs. 1,2, 11-14 K-1, K-2, K-8	3,840
2026-279	T12N, R20W	Secs. 19-36 K-1, K-12	11,364
2026-280	T12N, R20W	Secs. 1-18 K-1, K-12	11,340
2026-281	T12N, R21W	Secs. 19-36 K-1, K-12, K-14	11,364
2026-282	T12N, R21W	Secs. 1-18 K-1, K-12, K-14	11,340
2026-283	T12N, R22W	Secs. 19-36 K-1	11,364
2026-284	T12N, R22W	Secs. 1-18 K-1, K-2	11,340
2026-285	T13N, R13W	Secs. 19-36 K-1, K-2, K-8	11,508
2026-286	T13N, R13W	Secs. 1-18 K-1, K-2, K-8, K-12	11,483
2026-287	T13N, R14W	Secs. 19-36 K-2, K-8	11,508
2026-288	T13N, R14W	Secs. 1-18 K-2, K-8	11,483
2026-289	T13N, R15W	Secs. 19-36 K-1, K-8	11,508
2026-290	T13N, R15W	Secs. 1-18 K-1, K-8	11,483
2026-297	T13N, R19W	Secs. 19-36 K-2, K-8, K-14	11,508
2026-298	T13N, R19W	Secs. 1-18 K-2, K-8, K-14	11,483
2026-299	T13N, R20W	Secs. 19-36 K-1, K-12, K-14	11,508
2026-300	T13N, R20W	Secs. 1-18, K-1, K-12, K-14	11,483
2026-301	T13N, R21W	Secs. 19-36 K-1, K-2, K-12, K-14	11,508
2026-302	T13N, R21W	Secs. 1-18 K-1, K-12, K-14	11,483
2026-303	T13N, R22W	Secs. 19-36 K-1, K-2, K-12, K-14	11,508

NPR-A D-Tracts Offered

<u>Tract #</u>	<u>MTR</u>	<u>SEC</u>	<u>ACRES</u>
2026-D4	T6N, R11W	Secs. 3-10, 16-21, 28-33 K-1	12,658
2026-D7	T9N, R11W	Secs. 14-23, 27-34 K-1, K-2, K-12	11,499
2026-D8	T9N, R11W T10N, R11W	Secs. 1-12 Secs. 19, 25-36 K-1, K-2	15,914
2026-D9	T10N, R12W	Secs. 19-36 K-1, K-2	11,460
2026-D10	T10N, R11W T10N, R12W	Secs. 6, 7, 18 Secs. 1-18 K-1, K-8	13,272
2026-D11	T11N, R11W T11N, R12W	Secs. 19, 30, 31 Secs. 19-36 K-1, K-2, K-8, K-12	13,224
2026-D12	T11N, R11W T11N, R12W	Sec. 18 Secs. 1-18 K-1, K-2, K-8, K-12	11,986
2026-D13	T12N, R12W	Secs. 19-36 K-1, K-8, K-12	11,364
2026-D14	T12N, R12W	Secs. 1-18 K-1, K-8, K-12	11,340
2026-D15	T13N, R11W T13N, R12W	Secs. 19, 30, 31 Secs. 19-36 K-1, K-8, K-12	13,416
2026-D16	T13N, R11W T13N, R12W	Secs. 5-7, 18 Secs. 1-18 K-1, K-8, K-12	14,006
			140,139

NPR-A A-G Tracts Offered

<u>Tract #</u>	<u>MTR</u>	<u>SEC & STIPULATIONS</u>	<u>ACRES</u>
2026-A	T16N, R7W T16N, R8W T17N, R7W T17N, R8W T18N, R7W T18N, R8W	Secs. 2-11, 14-22 Secs. 1, 2, 12, 13 Secs. 2-11, 14-23, 26-35 Secs. 1-3, 10-15, 23-26, 35, 36 Secs. 20-22, 26-35 Secs. 25-27, 34-36 K-5, K-6, K-8	49,588
2026-B	T17N, R5W T17N, R6W T17N, R7W T18N, R5W T18N, R6W T18N, R7W	Secs. 3-10, 15-22, 27-30 Secs. 1-30 Secs. 1, 12, 13, 24, 25 Secs. 8-10, 15-22, 27-34 Secs. 13, 22-36 Secs 25, 36 K-5, K-6, K-8, K-12	53,710
2026-C	T17N, R4W T17N, R5W T18N, R4W T18N, R5W	Secs. 1-36 Secs. 1, 2, 11-14, 23-26, 35, 36 Secs. 14, 15, 18-36 Secs. 11, 13, 14, 23-26, 35, 36 K-5, K-6, K-8	46,086
2026-D	T16N, R3W T17N, R2W T17N, R3W T18N, R2W T18N, R3W	Secs. 1-6 Secs. 2-10, 14-23, 26-35 Secs. 1-36 Secs. 31-33 Secs. 25-28, 30-36 K-5, K-6, K-8, K-12	49,653
2026-E	T15N, R5W T15N, R6W T16N, R5W T16N, R6W T16N, R7W T17N, R5W T17N, R6W T17N, R7W	Secs. 3-10, 15-17 Secs. 1-3, 10-15, 23 Secs. 3-10, 15-22, 27-34 Secs. 1-30, 33-36 Secs. 1, 12, 13, 24 Secs. 31-34 Secs. 31-36 Sec. 36 K-6, K-8	54,010
2026-F	T15N, R4W T15N, R5W T16N, R4W T16N, R5W	Secs. 1-36 Secs. 1, 2, 11-14, 23-25 Secs. 1-36 Secs. 1, 2, 11-14, 23-26, 35, 36 K-6, K-8, K-9, K-12	56,796

	T15N, R2W T15N, R3W T16N, R2W T16N, R3W	Secs. 4-8, 17-20, 28-30 Secs. 1-36 Secs. 1-11, 14-22, 27-33 Secs. 7-36 K-5, K-6, K-8, K-9, K-12	
2026-G			59,314
		SUBTOTAL for A-G Tracts	369,157

EXHIBIT C

APPENDIX A of the NPR-A RECORD OF DECISION with the Lease Stipulations and Required Operating Procedures

Appendix A. Lease Stipulations, Required Operating Procedures, and Lease Notices

A.1 DEFINITIONS

The following definitions apply to the stipulations and required operating procedures listed in this appendix. The Glossary of the Final Integrated Activity Plan (IAP)/Environmental Impact Statement (EIS) has additional definitions.

- **Abandonment:** The proper closure of a facility, piping, or well, whose use has been discontinued, meeting all applicable state and federal regulations, stipulations, required operating procedures, and best management practices.
- **Active floodplain:** The flat area along a waterbody where sediments are deposited by seasonal or annual flooding; generally demarcated by a visible high-water mark.
- **Aggregation:** An aggregation of marine mammals is defined as three or more animals.
- **Authorized Officer (BLM):** Designated Bureau of Land Management (BLM) personnel responsible for a certain area of a project; for this Record of Decision, generally this would be the BLM State Director or other designated official with delegated authority such as the Arctic District Manager or State Office Branch Chief for Energy and Minerals..
- **Available:** When referring to oil and gas leasing, available lands could be offered. Lands that are already leased could be offered for leasing if the existing lease ends.
- **Class I air quality area:** One of 156 protected areas, such as national parks over 6,000 acres, wilderness areas over 5,000 acres, national memorial parks over 5,000 acres, and international parks that were in existence as of August 1977, where air quality should be given special protection. Federal Class I areas are subject to maximum limits on air quality degradation called air quality increments (often referred to as prevention of significant deterioration [PSD] increments). All areas of the United States not designated as Class I are Class II areas. The air quality standards in Class I areas are more stringent than national ambient air quality standards.
- **Controlled surface use:** A category of moderate constraint stipulations that allows some use and occupancy of public land, while protecting identified resources or values. Applicable to fluid mineral leasing and all activities associated with fluid mineral leasing, such as truck-mounted drilling and geophysical exploration equipment off designated routes and construction of wells and pads. Controlled surface use areas are open to fluid mineral leasing, but the stipulation allows the Bureau of Land Management to require special operational constraints or to shift the activity more than 656 feet to protect the specified resource or value.
- **Consultation:** Exchange of information and interactive discussion; when capitalized it refers to consultation mandated by statute or regulation that has prescribed parties, procedures, and timelines, such as Consultation under the National Environmental Policy Act of 1969 or Section 7 of the Endangered Species Act.
- **Criteria air pollutants:** The six most common air pollutants in the U.S.: carbon monoxide (CO), lead (Pb), nitrogen dioxide (NO₂), ozone (O₃), particulate matter (both PM₁₀ and PM_{2.5} inhalable and respirable particulates), and sulfur dioxide (SO₂). Congress has focused regulatory attention on these six pollutants because they endanger public health and the environment, are widespread

throughout the U.S., and come from a variety of sources. Criteria air pollutants are typically emitted from many sources in industry, mining, transportation, electricity generation, energy production, and agriculture.

- **Deferred:** When referring to oil and gas leasing, indicates that lands would not be offered for lease until a specified period has expired. For example, a 10-year deferral would mean that the deferred lands would not be available for leasing until 10 years after the Record of Decision establishes the 10-year deferral.
- **Development:** The phase of petroleum operations that occurs after exploration has proven successful and before full-scale production. The newly discovered oil or gas field is assessed during an appraisal phase, a plan to fully and efficiently exploit it is created, and additional wells are usually drilled.
- **Essential road/pipeline crossing:** Places where the use authorization indicates the crossing should be to minimize impacts to resources while still achieving the purpose of the project.
- **Exception:** A one-time exemption to a lease stipulation or required operating procedure, determined on a case-by-case basis.
- **Exploration:** The search for economic deposits of minerals, gas, oil, or coal through the practices of geology, geochemistry, geophysics, drilling, shaft sinking, and mapping.
- **Feasible:** Capable of being accomplished in a successful manner within a reasonable time, taking into account economic, environmental, legal, social, and technological factors.
- **Greenhouse gas (GHG):** A gas that absorbs and emits thermal radiation in the lowest layers of the atmosphere. This process is the fundamental cause of the greenhouse effect. The primary greenhouse gases that are considered air pollutants are carbon dioxide, methane, nitrous oxide, and chlorofluorocarbons.
- **Haul-out:** A land or sea-ice location where pinnipeds exit the water for birthing, molting, nursing, resting, and breeding.
- **Hazardous air pollutants (HAPs):** Also known as toxic air pollutants, those that cause or may cause cancer or other serious health effects, such as reproductive effects or birth defects, or adverse environmental and ecological effects. The U.S. Environmental Protection Agency is required to control 187 HAPs. Examples of HAPs are benzene (found in gasoline), perchlorethylene (emitted from dry cleaning facilities), and methylene chloride (used as a solvent).
- **Heavy equipment:** All industrial construction, operations, and maintenance vehicles that generally are not intended to be driven on a highway due to their weight, size, or specialized uses.
- **Infrastructure:** The underlying foundation or basic framework; substructure of a community, such as schools, police, fire services, hospitals, water, and sewer systems; permanent structures; does not include subsistence camps and cabins or single-season ice structures.
- **Modification:** A change to a lease stipulation or required operating procedure either temporarily or for the life of the lease.
- **No surface occupancy (NSO):** An area that is open for mineral leasing but does not allow the construction of surface oil and gas facilities in order to protect other resource values.
- **Objective:** A concise, time-specific statement of measurable planned results that respond to pre-established goals. An objective forms the basis for further planning to define the precise steps to be taken and the resources to be used to achieve identified goals.
- **Offshore:** (1) In beach terminology, the comparatively flat zone of variable width, extending from the shoreface to the edge of the continental shelf. It is continually submerged. (2) The direction

seaward from the shore. (3) The zone beyond the nearshore zone where sediment motion induced by waves alone effectively ceases and where the influence of the seabed on wave action is small in comparison with the effect of wind. (4) The breaker zone directly seaward of the low tide line.

- **Occupancy:** The state of occupying, holding, possessing, or residing in or on something.
- **Ordinary high water mark:** A line on the shore established by the fluctuations of water and indicated by physical characteristics such as clear, natural line impressed on the bank, shelving, changes in the character of soil, destruction of terrestrial vegetation, the presence of litter and debris, or other appropriate means that consider the characteristics of the surrounding areas.
- **Permanent oil and gas facilities:** Production facilities, pipelines, roads, airstrips, production pads, docks, seawater treatment plants, and other structures associated with oil and gas production that occupy land for more than one winter season. Material sites and seasonal facilities, such as ice roads, are excluded, even when the pads are designed for use in successive winters.
- **Reclamation:** Reclamation helps to ensure that any effects of oil and gas development on the land and on other resources and uses are not permanent. The ultimate objective of reclamation is the rehabilitation of ecosystem function, including re-introduction of any natural vegetation, hydrology, and wildlife habitats affected by surface disturbances from construction and operating activities at an oil and gas site. In most cases, this means a condition or function equal to or closely approximating that which existed before the land was disturbed.
- **Required operating procedure (ROP):** Carried out during proposal implementation and based on laws, regulations, executive orders, Bureau of Land Management planning manuals, policies, instruction memoranda, and applicable planning documents.
- **Riparian:** Occurring next to streams and rivers and directly influenced by water. A riparian community is characterized by certain types of vegetation, soils, hydrology, and fauna and requires free or unbound water or conditions more moist than that normally found in the area.
- **Setback:** A distance by which a structure or other feature is set back from a designated line.
- **Spill prevention control and countermeasure (SPCC) plan:** Required by the U.S. Environmental Protection Agency 40 CFR 112 to be on file within 6 months of project inception; a contingency plan for avoiding, containing, and responding to spills or leaks of hazardous materials.
- **Standard:** A model, example, or goal established by authority, custom, or general consent as a rule for the measurement of quantity, weight, extent, value, or quality.
- **Stipulation:** A requirement or condition or land allocation placed by the Bureau of Land Management on the lease, which binds the leaseholder's operations within that lease. This Decision provides stipulations that apply to all future leases issued under the Plan adopted by this Decision in the National Petroleum Reserve in Alaska.
- **Timing limitation (TL):** This is applicable to fluid mineral leasing, all activities associated with fluid mineral leasing, such as drilling and geophysical exploration equipment off designated routes, and construction of wells and pads, and other surface-disturbing activities, such as those not related to fluid mineral leasing. Areas identified for TL are closed to, or subject to modification to, fluid mineral exploration and development, surface-disturbing activities, and intensive human activity during identified time frames.
- **Unavailable:** When referring to oil and gas leasing, unavailable lands would not be offered for oil and gas leasing.

- **Vertical support member (VSM):** Pipe piling embedded in the ground to support the aboveground pipe in areas of thaw-unstable permafrost.
- **Vibroseis:** A device that uses a truck-mounted vibrator plate coupled to the ground to generate a wave train up to 7 seconds in duration and comprising a sweep of frequencies. The recorded data from an upsweep or down sweep (increasing or decreasing frequency respectively) are added together and compared with the source input signals to produce a conventional-looking seismic section. The device is used increasingly in land surveys instead of explosives.
- **Volatile organic compound (VOC):** A chemical that reacts in the atmosphere with nitrogen oxides in the presence of sunlight and heat to form ozone. VOCs contribute significantly to photochemical smog production and certain health problems. Examples of VOCs are gasoline fumes and oil-based paints.
- **Waiver:** A permanent exemption to a stipulation or required operating procedure.

A.2 APPLICABILITY OF REQUIREMENTS/STANDARDS

A.2.1 Lease Stipulations

Appropriate stipulations are attached to an oil and gas lease when the BLM issues it. As part of a lease contract, stipulations are specific to the lease. All oil and gas activity permits issued to a permittee must comply with the lease stipulations appropriate to the activity under review, such as exploratory drilling or production pad construction.

A stipulation included in an oil and gas lease would be subject to the following, as appropriate:

- A waiver—A permanent exemption to a stipulation on a lease
- An exception—A one-time exemption to a lease stipulation, determined through the normal permitting process
- A modification—A change attached to a lease stipulation, either temporarily or for the life of the lease

The Authorized Officer (AO) may authorize a modification to a lease stipulation only if she or he determines that the factors leading to the stipulation have changed sufficiently to make the stipulation no longer justified; the proposed operation would still have to meet the objective stated for the stipulation.

While the BLM may grant a waiver, exception, or modification of a stipulation through the permitting process, it may also impose additional requirements through permitting terms and conditions to meet the objectives of any stipulation. This would be the case if the AO considers that such requirements are warranted to protect the land and resources, in accordance with the BLM's responsibility under relevant laws and regulations.

A.2.2 Required Operating Procedures

The required operating procedures (ROPs) describe the protective measures that the BLM will impose on applicants during the permitting process. Similar to lease stipulations, the objective of a ROP must be met in order for exceptions, modifications, or waivers to be granted.

Any applicant requesting authorization for an activity from the BLM will have to address the applicable ROPs in one of the following ways:

- Before submitting the application (e.g., performing and documenting subsistence consultation or surveys);
- As part of the application proposal (e.g., including in the proposal statements that the applicant will meet the objective of the ROP and how the applicant intends to achieve that objective); and

- As a term imposed by the BLM in a permit.

At the permitting stage, the BLM Authorized Officer will not include those ROPs that, because of their location or other inapplicability, are not relevant to a specific permit application. Note also that at the permit stage, the BLM AO may establish additional requirements as warranted to protect the land, resources, and uses in accordance with the BLM's responsibilities under relevant laws and regulations.

A.3 LEASE STIPULATIONS, REQUIRED OPERATING PROCEDURES, AND LEASE NOTICES

A.3.1 Lease Stipulations and Required Operating Procedures that Apply in Select Biologically Sensitive Areas¹

Stipulation K-1: River Setbacks

- NSO
- No new infrastructure, except essential road and pipeline crossings
- Sand and gravel mining authorized through the normal review process except for a designated portion of Fish Creek, which is closed

Objective: Minimize the disruption of natural flow patterns and changes to water quality; the disruption of natural functions resulting from the loss or change to vegetative and physical characteristics of floodplain and riparian areas; the loss of spawning, rearing, or overwintering habitat for fish; the loss of cultural and paleontological resources; the loss of raptor habitat; impacts on subsistence cabins and campsites; the disruption of subsistence activities; and impacts on scenic and other resource values.

Requirement/Standard: Permanent oil and gas facilities (e.g., gravel pads, roads, airstrips, and pipelines) are prohibited in the streambed and adjacent to the rivers listed below at the distances identified (see **Appendix B, Map 1** and **Map 2**). Through the normal review process, essential pipeline and road crossings to the main channel would be permitted through setback areas. In addition, sand and gravel mining may be permitted through the normal review process, except in the area specified below around Fish Creek, where sand and gravel mining are prohibited. Sand and gravel mining activity along the important subsistence rivers, listed in **ROP F-3**, would be permitted through the normal review process and restricted to winter activity only. Gravel mines may be located within the active floodplain, consistent with **ROP E-7**.

The below setbacks may not be practical within river deltas; in such deltas, permanent facilities shall be designed to withstand a 200-year flood event in consultation with the BLM AO. In the below list, if no upper limit for the setback is indicated, the setback extends to the head of the stream, as identified in the National Hydrography Dataset.

- a. **Fish Creek:** A 3-mile setback from the highest high water mark of the creek downstream from the eastern edge of section 31, T11N, R1E, U.M. and a 1-mile setback from the bank's highest high water mark farther upstream. Sand and gravel mining are prohibited in the 3-mile portion of the Fish Creek setback.

¹Protections outlined in this section act as both lease stipulations and ROPs. For oil and gas leases, these protections attach to the lease at the time of sale and cannot be superseded by future ROPs in subsequent IAPs. They govern all on-lease infrastructure associated with development of the lease. For oil and gas infrastructure not associated with development of the lease and for non-oil and gas activities permitted in the NPR-A, these protections act as ROPs and attach at the time a permit is issued.

- b. **Colville River:** A 5-mile setback from the boundary of the NPR-A, where the river determines the boundary along the Colville River, as determined by cadastral survey to be the highest high water mark on the left (western or northern) bank south to the juncture of the Colville River and Chandler River. South of that point to its source at the juncture of Thunder and Storm Creeks, the setback would be 1 mile from the NPR-A boundary and from both banks' ordinary high water mark, where the BLM manages both sides of the river up through T1S, R1W, U.M. *Note: The planning area excludes conveyed Native lands along the lower reaches of the Colville River.* Development of road crossings intended to support oil and gas activities shall be consolidated with other similar projects and uses to the maximum extent practicable.
- c. **Ikpikpuk River:** A 2-mile setback from the ordinary high water mark of the Ikpikpuk River extending from the mouth upstream through T7 N, R11W, U.M.; above that the setback would be for 1 mile to the confluence of the Kigalik River and Maybe Creek.
- d. **Kikiakrorak and Kogosukruk Rivers:** A 2-mile setback from the top of the bluff or ordinary high water mark, if there is no bluff, on the Kikiakrorak River downstream from T2N., R4W, U.M. and on the Kogosukruk River downstream from T2N, R3W, U.M. The setback from these streams in the named townships and farther upstream, as applicable, would be 0.5 miles from the top of the bluff or bank if there is no bluff. Tributaries to the Kogosukruk River, including Henry Creek and one unnamed tributary off the southern bank, will have a 1-mile setback from the top of the bluff or ordinary high water mark, if there is no bluff upstream from the confluence with the Kogosukruk River to T1N., R1W (Henry Creek) and T1N, R1E (unnamed tributary).
- e. **Titaluk River:** A 2-mile setback from the ordinary high water mark from its confluence with the Ikpikpuk River upstream through T7N, R12W, U.M.; above that point the setback would be 0.5 miles from the ordinary high water mark.
- f. **1-mile setback from the ordinary high water mark of the following rivers:**
- Alaktak River
 - Chipp River
 - Topagoruk River
 - Meade River
 - Usuktuk River
 - Nigisaktuvik River
 - Inaru River
 - Avalik River
 - Kungok River
 - Kuk River (upstream from T12N, R32W, U.M.)
 - Ketik River
 - Kaolak River
 - Ivisaruk River (upstream from T12N, R32W, U.M.)
 - Utukok River
 - Kokolik River
 - Kalikpik River
 - Judy Creek

- Ublutuoch (Tijmiaqsiugvik) River
 - Kuna River
 - Kugrua River
- g. **0.5-mile setback from the ordinary high water mark of the following rivers:**
- Miguakiak River
 - Oumalik River: From the Oumalik River ordinary high water mark from the mouth upstream to section 5, T8N, R14W, U.M., and a 0.5-mile setback in and above section 5, T8N, R14W, U.M.
 - Kigalik River
 - Maybe Creek
 - Ishuktak Creek
 - Pikroka Creek
 - Kucheak Creek
 - Niklavik Creek
 - Kolipsun Creek: From upstream through T13N, R28W, U.M.
 - Maguriak Creek: From upstream through T12N, R29W, U.M.
 - Mikigealiak River: From upstream through T12N, R30W, U.M.
 - Nokotlek River
 - Ongorakvik River
 - Tunalik River
 - Avak River
 - Nigu River: From the confluence with the Etivluk River upstream to the boundary of the NPR-A
 - Etivluk River
 - Ipnarik River
 - Kiligwa River
 - Driftwood Creek
 - Nuka River
 - Awuna River
 - Carbon Creek
 - Keolok Creek

Stipulation K-2: Deep Water Lakes

- NSO
- ROP for new infrastructure
- Sand and gravel mining authorized through the normal review process.

Objective: Minimize the disruption of natural flow patterns and changes to water quality; the disruption of natural functions resulting from the loss or change to vegetative and physical characteristics of deepwater

lakes; the loss of spawning, rearing, or overwintering habitat for fish; the loss of cultural and paleontological resources; impacts on subsistence cabin and campsites; and the disruption of subsistence activities.

Requirement/Standard: Generally, permanent oil and gas facilities (e.g., gravel pads, roads, airstrips, and pipelines) and new infrastructure are prohibited on the lake or lakebed and within 0.25 miles of the ordinary high water mark of any deep lake, as determined to be in lake zone III (i.e., depth greater than 13 feet; Mellor 1985²) (see **Appendix B, Map 1** and **Map 2**). The BLM would permit (through the normal review process) essential pipeline(s) and road crossings, and other permanent facilities may be considered through the permitting process in these areas.

Additional restrictions as described in **ROP E-9** may also apply in those habitats.

Stipulation K-3: Waterbodies and Riparian Areas

Objective: Protect rivers, streams, lakes, and riparian habitat from oil and gas exploratory drilling impacts.

Requirement/Standard: Prohibit exploratory drilling in rivers, streams, lakes, and riparian habitat (as defined above in **Section A.1** and in the glossary of the Final IAP/EIS).

Stipulation K-4: Kogru River, Dease Inlet, Admiralty Bay, Elson Lagoon, Peard Bay, Wainwright Inlet/Kuk and Ivisaruk Rivers, and Kasegaluk Lagoon, and their Associated Islands

- No leasing (Peard Bay and Kasegaluk Lagoon, and their associated islands)
- NSO (Kogru River, Dease Inlet, Admiralty Bay, Elson Lagoon, and Wainwright Inlet/Kuk and Ivisaruk Rivers [downstream from T12N, R32W, U.M.], and their associated islands)
- No new infrastructure except essential pipeline crossings (Kogru River, Dease Inlet, Admiralty Bay, Elson Lagoon, Peard Bay, and Kasegaluk Lagoon, and their associated Islands [see requirement/standard for pipeline crossings])
- New Infrastructure authorized through the normal review process (Wainwright Inlet/Kuk and Ivisaruk Rivers [downstream from T12N, R32W, U.M.]
- Sand and gravel mining authorized through the normal review process

Objective: Protect fish and wildlife habitat (including, but not limited to, that for waterfowl and shorebirds, caribou insect-relief, and marine mammals), preserve air and water quality, and minimize impacts on subsistence activities and historic travel routes on the major coastal waterbodies.

Requirement/Standard: Peard Bay and Kasegaluk Lagoon, and their associated islands are unavailable for leasing. These same areas are closed to new infrastructure, with the exception of essential pipeline crossings (see **Appendix B, Map 1** and **Map 2**).

The Kogru River, Dease Inlet, Admiralty Bay, and Elson Lagoon, and their associated islands are available for leasing, subject to a NSO stipulation. New infrastructure would not be permitted, except for essential pipeline crossings.

Wainwright Inlet/Kuk and Ivisaruk Rivers (downstream from T12N, R32W, U.M.) are available for leasing subject to a NSO stipulation. New infrastructure would be permitted through the normal review process.

²Mellor, J.C. 1985. A Statistical Analysis and Summary of Radar-Interpreted Arctic Lake Depths. Bureau of Land Management - Alaska Technical Report 11. U.S. Department of Interior, Bureau of Land Management, Anchorage.

Essential pipeline crossings would be permitted only on or under the water if they can meet all the following criteria:

- a. Design and construction of facilities shall minimize impacts on subsistence uses, travel corridors, and seasonally concentrated fish and wildlife resources.
- b. Daily operational activities, including use of support vehicles, watercraft, and aircraft traffic, alone or in combination with other past, present, and reasonably foreseeable activities, shall be conducted to minimize impacts on subsistence uses, travel corridors, and seasonally concentrated fish and wildlife resources.
- c. The location of oil and gas facilities, including artificial islands, platforms, associated pipelines, ice or other roads, bridges, or causeways, shall be sited and constructed so as to not pose a hazard to navigation by the public using traditional high-use, subsistence-related travel routes into and through the major coastal waterbodies, as identified by the North Slope Borough (NSB).
- d. Demonstrated year-round oil spill response capability, or such alternative methods as seasonal drilling restrictions, improvements in blowout prevention technology, equipment and/or changes in operational procedures, “top-setting” wells above the hydrocarbon-bearing zone, etc.
- e. Reasonable efforts shall be made to avoid or minimize impacts related to oil spill response activities, including vessel, aircraft, and pedestrian traffic that add to impacts or further compound direct spill-related impacts on area resources and subsistence uses.
- f. Before conducting open water activities, the permittee shall consult with the Alaska Eskimo Whaling Commission and the NSB to minimize impacts on the fall and spring subsistence whaling activities of the communities of the North Slope.

Stipulation K-5: Coastal Area Setback

- NSO
- No new infrastructure, except essential coastal infrastructure (see requirement/standard for essential coastal infrastructure); see **Stipulation K-9** for exception
- Sand and gravel mining authorized through the normal review process

Objective: Protect coastal waters and their value as fish and wildlife habitat (including, but not limited to, that for waterfowl, shorebirds, and marine mammals); minimize hindrance or alteration of caribou movement within caribou coastal insect-relief areas; protect the summer and winter shoreline habitat for polar bears and the summer shoreline habitat for walrus and seals; prevent loss of important bird habitat and alteration or disturbance of shoreline marshes; and prevent impacts on subsistence resources and activities.

Requirement/Standard: The following requirements apply to authorized activities within 1 mile of the coast (see **Appendix B, Map 1** and **Map 2**).

- a. Permanent exploratory well drill pads, production well drill pads, or a central processing facility for oil or gas would not be allowed in coastal waters or on islands between the northern administrative boundary of the Reserve and the mainland, or in inland areas within 1 mile of the coast. *Note: This would include the entire Kasegaluk Lagoon and Peard Bay Special Areas.* Other facilities necessary for oil and gas production within the NPR-A that must be in this area, such as a barge landing, seawater treatment plant, or spill response staging and storage areas, would not be precluded; however, in the Goose Molting Area, the AO must approve siting these facilities within the shoreline buffer. This stipulation also would not preclude infrastructure associated with offshore oil and gas

exploration and production or construction, renovation, or replacement of facilities on existing gravel sites. Except in the Goose Molting Area, permittees shall consider locating facilities at previously occupied sites in this area, such as various Husky/U.S. Geological Survey drill sites and Distant Early Warning Line sites. All permittees involved in activities in the immediate area must coordinate use of these new or existing sites with other prospective users. Before conducting open water activities, permittees shall consult with the Alaska Eskimo Whaling Commission, the NSB, and local whaling captain associations to minimize impacts on the fall and spring subsistence whaling activities of the North Slope communities. In a case in which the BLM authorizes a permanent oil and gas facility in the coastal area, the permittee shall develop and implement a monitoring plan to assess the effects of the facility and its use on coastal habitat and use.

- b. Marine vessels used as part of a BLM-authorized activity shall maintain a 1-mile buffer from the shore when transiting past an aggregation of seals (primarily spotted seals), walruses or Stellar's sea lions using a terrestrial haul-out, unless doing so would endanger human health and safety, or violate safe boating practices.
- c. Marine vessels shall not conduct ballast transfers or discharge any matter into the marine environment within 3 miles of the coast, except when necessary for the safe operation of the vessel.

Stipulation K-6: Goose Molting Area

- NSO within 0.5 miles of identified goose molting lakes
- Controlled surface use/timing limitations
- No new infrastructure, except for essential pipeline crossings, within 0.5 miles of identified goose molting lakes
- Sand and gravel mining authorized through the normal review process

Objective: Minimize disturbance to molting geese and loss of goose molting habitat in and around lakes in the Goose Molting Area.

Requirement/Standard (General): Within the Goose Molting Area, no permanent facilities except for pipelines, would be allowed within 0.5 miles of the shoreline of selected lakes (see **Appendix B, Map 1** and **Map 2**). Lakes were selected based on the 85 percent distribution of black brant within the Goose Molting Area. No waiver, exception, or modification would be considered, except for community infrastructure. For all other permitted activities, the following standards would be followed:

- a. From June 1 through August 20, all off-pad activities shall be suspended (see part “d” under **Stipulation K-8**), unless approved by the AO. The intent of this requirement is to restrict activities that would disturb molting geese and nesting spectacled eiders when those species are present.
- b. Water extracted from any lakes used by molting geese shall not alter hydrological conditions that could adversely affect identified goose-feeding habitat along lakeshore margins. Considerations would be given to seasonal use by permittees (generally in winter) and geese (generally in summer), as well as recharge to lakes from the spring snowmelt.
- c. Oil and gas activities would avoid altering (i.e., damaging or disturbing soils, vegetation, or surface hydrology) critical goose-feeding habitat types along lakeshore margins (grass/sedge/moss) and salt marsh habitats. Permanent oil and gas facilities, including gravel roads, pads, and airstrips, but excluding pipelines, and material sites would be sited outside the identified buffers and restricted surface occupancy areas.

- d. Strategies to minimize ground traffic shall be implemented from June 1 through August 20. These strategies will be submitted as part of the vehicle use plan (**ROP M-1**) and may include limiting trips and usage of convoys and different vehicle types, to the extent practicable. In the Goose Molting Area, aircraft, including fixed-wing and helicopters, shall be restricted from June 1 through August 20, unless doing so endangers human health or safety, or violates safe flying practices. For example, restrictions may include limiting flights to a set number of roundtrips per week and along set corridors established by the BLM after discussions with the permittee and appropriate federal, State, and NSB regulatory and resource agencies. The permittee shall submit with the development proposal an aircraft use plan (**ROP F-1**) that considers these and other mitigation. *Note: This site-specific ROP is not intended to restrict flights necessary to survey wildlife in order to gain information necessary to meet the stated objective of the stipulations and ROPs; however, flights necessary to gain this information would be restricted to the minimum necessary to collect such data, and alternative means of collecting the data would be prioritized over aerial surveys, as practical.*
- e. For permits for development issued under this IAP/EIS, the BLM may require the permittee to conduct monitoring studies necessary to adequately determine consequences of development and any need for change to mitigations. Monitoring studies would be site and development specific and would be within a set of overarching guidelines developed by the BLM after conferring with appropriate federal, State, and NSB agencies.

Stipulation K-7: Brant Survey Area

- Controlled surface use/timing limitations
- ROP for new infrastructure
- Sand and gravel mining authorized through the normal review process

Objective: Minimize the loss or alteration of habitat for, or disturbance of, nesting and brood-rearing brant in the Brant Survey Area.

Requirement/Standard: The Brant Survey Area is open to oil and gas leasing, subject to controlled surface use and TL stipulations listed below (see **Appendix B, Map 1** and **Map 2**). New infrastructure would be allowed through the normal review process, subject to the requirements below.

The following requirements apply:

- a. The BLM will require submittal of a minimum of 2 years of site-relevant survey data for brant nesting colonies and brood-rearing areas before construction of permanent facilities is authorized. The survey area shall generally include the proposed development sites (i.e., the footprint) and the surrounding 0.5-mile area. If such data do not exist, the permittee may be required to gather these data.
- b. Development may be prohibited or activities curtailed within 0.5 miles of identified brant nesting colonies and brood-rearing areas identified during the 2-year survey.
- c. In the Brant Survey Area from June 1 through August 20, all off-pad activities shall be suspended (see part “d” under **Stipulation K-8**), unless approved by the AO. The intent of this requirement is to restrict activities that would disturb nesting and brood-rearing brant when they are present.
- d. Water extraction from any lakes used by nesting and brood-rearing brant shall not alter hydrological conditions that could adversely affect identified brant feeding habitat along lakeshore margins. Consideration should be given to seasonal use by permittees (generally in winter) and brant (generally in summer), as well as recharge to lakes from the spring snowmelt.

- e. Permitted activities would avoid altering habitat features, such as damaging or disturbing soils, vegetation, or surface hydrology, in critical brant feeding habitat types along lakeshore margins (grass/sedge/moss) and salt marsh habitats.
- f. Strategies to minimize ground traffic shall be implemented from June 1 through August 20. These strategies may include limiting trips, use of convoys, and different vehicle types, to the extent practicable. Strategies will be outlined in the vehicle use plan (see **ROP M-1**).
- g. In the Brant Survey Area, aircraft use (including fixed-wing and helicopter) shall be restricted from June 1 through August 20, unless doing so endangers human health or safety or violates safe flying practices. For example, restrictions may include limiting flights to a set number of roundtrips per week and along set corridors established by the BLM after discussions with the permittee and appropriate federal, State, and NSB regulatory and resource agencies. *Note: This site-specific ROP is not intended to restrict flights to survey wildlife to gain information necessary to meet the stated objective of the stipulations and ROPs; however, such flights would be restricted to the minimum necessary to collect such data, and alternative means of collecting the data would be prioritized over aerial surveys, as practical.*

Stipulation K-8: Teshekpuk Caribou Herd Habitat Area

- NSO (3-mile lake buffer north; 1-mile lake buffer south)/timing limitations (75 percent parturient calving kernel); see **Stipulation K-9** for exception.
- No new infrastructure (3-mile lake buffer north; 1-mile lake buffer south)/ROP for new infrastructure (75 percent parturient calving kernel); see **Stipulation K-9** for exception.
- Sand and gravel mining authorized through the normal review process

Objective: Minimize disturbance and hindrance of caribou or alteration of caribou movements through portions of the Teshekpuk Caribou Herd (TCH) Habitat Area that are essential for all-season use, including calving and rearing, insect-relief, and migration/movements.

Requirement/Standard: Area within 3 miles of Teshekpuk Lake, except for the southern shore, is open to leasing, subject to a NSO stipulation (see **Appendix B, Map 1** and **Map 2**). Federal mineral estate within 1 mile of the southern shore of Teshekpuk Lake is open to leasing, subject to a NSO stipulation. No exceptions, waivers, or modifications would be permitted, except as outlined in **Stipulation K-9**. Permitted activities will comply with the following requirements:

In the TCH Habitat Area (the 75 percent parturient calving kernel), the following standards would be applied to permitted activities:

- a. Before authorization of construction of permanent facilities, the BLM will require submittal of information on caribou movement for the TCH. The permittee may be required to gather this information, or this requirement may be waived if an acceptable study specific to the TCH already exists. The information shall include multiple years of seasonal distribution and movement of the TCH. The information must include some recent data and must be sufficient to capture a realistic picture of trends in distribution and movements. The information should be sufficient to determine facility design and location, including pipelines. Permittee may submit individual study proposals or may combine with other permittees in the area to do a single, joint study for the entire TCH Habitat Area (the 75 percent calving caribou kernel). Study data may be gathered concurrently with other activities, as approved by the AO. A final report of any study results would be prepared and submitted to the BLM.

- b. Within the TCH Habitat Area (the 75 percent parturient calving kernel), permittee shall orient linear corridors when laying out oil and gas field developments to address seasonal distribution and avoid corralling effects from loops of road and/or pipeline that connect facilities.
- c. Off-pad activities shall be suspended within TCH Habitat Area (the 75 percent parturient calving kernel) from May 20 through June 20, unless approved by the AO. The intent of this requirement is to restrict activities that would disturb caribou during calving. The permittee shall submit with the development proposal a stop work plan that considers this and any other mitigation related to caribou early arrival. The intent of this latter requirement is to provide flexibility to adapt to changing climate conditions that may occur during the life of fields in the region.
- d. The following ground traffic restrictions shall apply in the areas and time periods indicated. Ground traffic restrictions apply to permanent oil and gas-related roads:
 - i. Within the TCH Habitat Area (the 75 percent parturient calving kernel), from May 20 through August 20, traffic speed shall not exceed 15 miles per hour when caribou are within 0.5 miles of the road. Additional strategies may include limiting trips, using convoys, using different vehicle types, stockpiling equipment and materials, etc., to the extent practicable. The permittee shall submit with the development proposal a vehicle use plan (see **ROP M-1**) that considers these and any other mitigation.
 - ii. The permittee shall observe caribou movement from May 20 through August 20, or earlier if caribou are present prior to May 20. Based on these observations, traffic would be stopped:
 - a) Temporarily to allow a crossing by 10 or more caribou. The permittee shall submit with the development proposal a vehicle use plan that considers these and any other mitigation.
 - b) By direction of the AO, traffic may be stopped through the TCH Habitat Area (the 75 percent parturient calving kernel) for a limited amount of time, and only if necessary to prevent displacement of calving caribou. Such closures will not be undertaken without first consulting with permittees to assess operational impacts on permitted activities.
- e. See **ROPs F-1** through **F-3** for aircraft restrictions

Stipulation K-9: Teshekpuk Caribou Herd Movement Corridor

- NSO
- No new infrastructure, except pipelines
- Sand and gravel mining authorized through the normal review process

Objective: Minimize disturbance and hindrance of caribou or alteration of their movements that are essential for all-season use, including calving and rearing, insect-relief, and migration, in the area extending from the eastern shore of Teshekpuk Lake to approximately 6 miles eastward toward the Kogru Inlet and the area next to the northwest corner of Teshekpuk Lake.

Requirement/Standard: In the Caribou Movement Corridors, a NSO stipulation would be applied, and no permanent oil and gas facilities, except for pipelines, would be allowed (see **Appendix B, Map 1** and **Map 2**). A pipeline through these areas could be located within the coastal setback (Stipulation K-5) or the setback around Teshekpuk Lake (**Stipulation K-8**), if it is determined to be the environmentally preferable option.

Stipulation K-10: Pik Dunes

- NSO
- No new infrastructure
- Sand and gravel mining prohibited

Objective: Retain unique qualities of the Pik Dunes, including geologic and scenic uniqueness, insect-relief habitat for caribou, and habitat for several uncommon plant species.

Requirement/Standard: Surface structures, except approximately perpendicular pipeline crossings and ice pads, are prohibited in the Pik Dunes (see **Appendix B, Map 1** and **Map 2**).

Permittees may be required to conduct a plant survey prior to constructing an ice pad if an adequate survey does not already exist, and shall avoid construction where special status plant species are identified.

Stipulation K-11: Utukok River Uplands Special Area

- No leasing (Western Arctic Herd [WAH] core calving area)
- NSO (WAH movement corridor)
- Timing limitation in remainder of Special Area
- No new infrastructure (WAH core calving area)
- No new infrastructure except for essential road and pipeline crossings (WAH movement corridor)
- Sand and gravel mining authorized through the normal review process

Objective: Minimize disturbance and hindrance of caribou or alteration of caribou movements through the Utukok River Uplands Special Area that are essential for all-season use, including calving and rearing, insect-relief, and migration.

Requirement/Standard: No new leasing and no new infrastructure in the WAH core calving area in the Utukok River Uplands Special Area. NSO and no new infrastructure except essential road and pipeline crossings in the WAH movement corridor (see **Appendix B, Map 1** and **Map 2**).

In the Utukok River Uplands Special Area, the following standards would be applied to permitted activities:

- a. Before authorization of construction of permanent facilities, the BLM will require submittal of information on caribou movement for the WAH. The permittee may be required to gather this information, or this requirement may be waived if an acceptable study specific to the WAH already exists. The information shall include multiple years of seasonal distribution and movement of the WAH. The information must include some recent data and must be sufficient to capture a realistic picture of trends in distribution and movements. The information should be sufficient to determine facility design and location, including pipelines. Permittee may submit individual study proposals or may combine with other permittees in the area to do a single, joint study for the entire Utukok River Uplands Special Area. Study data may be gathered concurrently with other activities, as approved by the AO. A final report of any study results would be prepared and submitted to the BLM.
- b. Within the Utukok River Uplands Special Area, permittees shall orient linear corridors when laying out oil and gas field developments to address seasonal movements and avoid corralling effects from loops of road and/or pipeline that connect facilities.
- c. Off-pad activities shall be suspended within the Utukok River Uplands Special Area from May 20 through June 20, unless approved by the AO. The intent of this requirement is to restrict activities

that would disturb caribou during calving. The permittee shall submit with the development proposal a stop work plan that considers this and any other mitigation related to caribou early arrival. The intent of this latter requirement is to provide flexibility to adapt to changing climate conditions that may occur during the life of fields in the region.

- d. The following ground and air traffic restrictions shall apply to permanent oil and gas-related roads in the areas and time periods indicated:
 - i. Within the Utukok River Uplands Special Area, from May 20 through August 20, traffic speed shall not exceed 15 miles per hour when caribou are within 0.5 miles of the road. Additional strategies may include limiting trips, using convoys, using different vehicle types, stockpiling equipment and supplies, etc., to the extent practicable. The permittee shall submit with the development proposal a vehicle use plan (see **ROP M-1**) that considers these and any other mitigation.
 - ii. The permittee shall observe caribou movement from May 20 through August 20, or earlier if caribou are present prior to May 20. Based on these observations, traffic would be stopped:
 - a) Temporarily to allow a crossing by 10 or more caribou. Sections of road would be evacuated whenever an attempted crossing by a large number of caribou appears to be imminent.
 - b) By direction of the AO, traffic may be stopped through the Utukok River Uplands Special Area for a limited amount of time, and only if necessary, to prevent displacement of calving caribou. Such closures will not be undertaken without first consulting with permittees to assess operational impacts on permitted activities.
 - iii. Within the Utukok River Uplands Special Area, aircraft use (including fixed-wing and helicopter) shall be restricted from May 20 through August 20, unless doing so endangers human health and safety, or violates safe flying practices. For example, restrictions may include limiting flights to a set number of roundtrips with certain types of aircraft per week along set corridors established by the BLM, after discussions with the permittee and with appropriate federal, State, and NSB regulatory and resource agencies. The permittee shall submit with the development proposal an aircraft use plan (see **ROP F-1**) that considers these and other mitigation. This lease stipulation is not intended to restrict flights necessary to survey wildlife to gain information necessary to meet the stated objective of the stipulations and ROPs; however, flights necessary to gain this information would be restricted to the minimum necessary to collect such data, and alternative means of collecting the data would be prioritized over aerial surveys, as practical.

Stipulation K-12: Federal Mineral Estate under Allotments

- NSO (1 mile)
- Sand and gravel mining authorized through the normal review process

Objective: Minimize disturbance to Native subsistence hunters resulting from development, and ensure access to Native allotments.

Requirement/Standard: Permanent oil and gas facilities within 1 mile of Native allotments are prohibited, except for essential road and pipeline crossings in areas of overlapping setbacks (see **Appendix B, Map 1** and **Map 2**). Exceptions would be granted with the permission of the owner of the allotment. In cases of

overlapping setbacks, the permittee would need the permission of the primary owners of the allotments to develop within the setback. Allotment owners may not waive setbacks defined in **Stipulation K-1**.

Stipulation K-13: Lease Deferral

- No leasing for at least 10 years

Objective: Minimize the impact of rapid development on the communities within the NPR-A.

Requirement/Standard: Lease tracts that are surrendered or currently unleased within the deferral area would not be offered for lease for the stated period of time after the signing of the ROD.

- a. The Teshekpuk Lake deferral area encompasses land on the eastern edge of the NPR-A boundary and land around Teshekpuk Lake and Atigaru Point (see **Appendix B, Map 2**). This lease deferral is valid for 10 years. From the eastern NPR-A boundary, the deferral area includes most of the following townships:
 - T14N, R1E, U.M.
 - T14N, R1W, U.M.
 - T14N, R2W, U.M.
 - T14N, R3W, U.M.
 - T14N, R4W, U.M.
 - T15N, R8W, U.M.
 - T16N, R8W, U.M.
 - T17N, R8W, U.M.
 - T15N, R9W, U.M.
 - T16N, R9W, U.M.
 - T17N, R9W, U.M.

Stipulation K-14: Federal Mineral Estate under Native Lands

- NSO. Exceptions would be granted with permission from the surface landowner. Surface owners may not waive setbacks defined in **Stipulation K-1**.
- Sand and gravel mining authorized through the normal review process

(See **Appendix B, Map 1** and **Map 2**)

A.3.2 Required Operating Procedures

Waste Prevention, Handling, Disposal, Spills, and Public Safety

ROP A-1: Waste and Litter

Objective: Protect public health, safety, and the environment by disposing of solid waste and garbage in accordance with applicable federal, State, and local laws and regulations.

Requirement/Standard: Areas of operation shall be left clean of all debris. All solid waste and industry-derived trash originating from permitted activities are required to be properly containerized while on-site or removed from the area of operation and activity.

ROP A-2: Waste Management Plan

Objective: Minimize potential impacts on the environment from nonhazardous and hazardous waste generation. Encourage continuous environmental improvement. Protect the health and safety of oil field workers, local communities, subsistence users, recreationists, and the general public. Avoid human-caused changes in predator populations. Minimize attraction of predators, particularly bears, to human use areas.

Requirement/Standard: Permittees shall prepare and implement a comprehensive waste management plan; the AO may waive this requirement for minimally impactful activities. The plan shall be submitted to the AO for approval as part of a plan of operations or other similar permit application.

Management decisions affecting waste generation would be addressed in the following order of priority: 1) prevention and reduction, 2) recycling, 3) treatment, and 4) disposal. The plan would consider and take into account the following requirements:

- a. Disposal of food or other organic waste. Permittees shall have a written procedure to ensure that the handling and disposal of food or other organic waste will be accomplished in a manner that prevents the attraction of wildlife. All food or other organic waste shall be incinerated, backhauled, or composted.
- b. All solid waste, including incinerator ash, shall be disposed of in an approved waste-disposal facility, in accordance with U.S Environmental Protection Agency (EPA) and Alaska Department of Environmental Conservation (ADEC) regulations and procedures.
- c. The burial of human waste is prohibited, except as authorized by the AO.
- d. Use bear-resistant containers for all waste materials and classes that are bear attractants. The plan will include a list of all classes of waste material that are bear attractants and thus must be stored in bear-resistant containers.

Disposal of pumpable waste products. Except as specifically provided, the BLM requires that all pumpable solid, liquid, and sludge waste be disposed of by injection, in accordance with EPA, ADEC, and the Alaska Oil and Gas Conservation Commission regulations and procedures. On-pad temporary muds and cuttings storage, as approved by ADEC, will be allowed as necessary to facilitate annular injection and/or backhaul operations.

ROP A-3 Hazardous Substances Contingency Plans

Objective: Minimize potential pollution through effective hazardous substances contingency planning.

Requirement/Standard: For oil and gas-related activities, a hazardous substances contingency plan shall be prepared and implemented before transportation, storage, or use of hazardous substances. The plan shall include the following:

- a. Identification of the hazardous substances
- b. Procedures for proper storage and handling of the hazardous substances
- c. Procedures for prompt response, notification, and cleanup in the event of a release

If the elements of this plan are included in documents prepared to meet other federal, State, or local requirements, the AO may approve referencing the appropriate documents instead of preparing a hazardous substances contingency plan.

ROP A-4: Spill Prevention

Objective: Minimize potential impacts of contaminants on fish, wildlife, and the environment, including wetlands, marshes, and marine waters, as a result of fuel spills. Protect subsistence resources and subsistence activities. Protect public health and safety.

Requirement/Standard: Permittees with oil storage capacity of 1,320 gallons or greater shall prepare a spill prevention, control, and countermeasure plan as required by 40 Code of Federal Regulations (CFR) 112. Additionally, all permittees shall be required to do the following:

- a. Notice of any spill shall be given to the AO as soon as possible but no later than 24 hours after occurrence. Other federal, State, and NSB entities shall be notified as required by law.
- b. All spills shall be cleaned up immediately and to the satisfaction of the AO and all agencies with regulatory authority over spills.
- c. Sufficient oil spill cleanup materials (sorbent pads, containment devices, etc.) shall be stored at all fueling points and maintenance areas. Drip basins and/or sorbent pads would be placed under all non-dry disconnect type fuel line couplings and valves during fueling.
- d. All fuel and oil or petroleum product containers, including barrels and propane tanks, shall be marked with the permittee's name and the product type. Duck ponds shall be marked with the permittee's name.
- e. Fuel containers and hazardous materials containers of any size shall be stored in secondary containment.

ROP A-5: Refueling and Fuel Storage

Objective: Minimize potential impacts of contaminants from refueling operations on fish, wildlife, and the environment.

Requirement/Standard: Fuel storage and refueling of equipment within 100 feet of any lake shoreline or top of streambank is prohibited. Small fuel caches (up to 210 gallons) are permitted within this distance. The AO may allow larger fuel caches or refueling operations within the 100 foot setback if properly designed to account for local site conditions.

ROP A-6: Minimize Wildlife Interaction

Objective: Minimize conflicts between humans and wildlife and avoid human-caused increases in predator populations.

Requirement/Standard: Permittees shall minimize conflicts between wildlife and humans.

- a. Permittee shall develop a site-specific wildlife interaction plan that would include, but is not limited to:
 - i. Strategies to minimize attraction of wildlife to activity sites.
 - ii. Organizing layout of buildings and work sites to minimize human/wildlife interactions.
 - iii. Warning personnel of bears near or on work sites and identifying proper procedures to be followed.
 - iv. Establishing procedures, if authorized, to discourage wildlife from approaching the work site.
 - v. Providing contingencies in the event bears do not leave the site or cannot be discouraged by authorized personnel.

- vi. Establishing proper storage and disposal of materials that may be toxic or attractants to wildlife.
- b. Provide, annually, a systematic record of all species of bears on and near the project area.
- c. Incorporate into infrastructure design measures to deter ravens, raptors, and foxes from nesting, denning, or seeking shelter. The permittee shall provide the AO with an annual report on any instances when, despite use of such measures, the use of infrastructure by ravens, raptors, and foxes did occur.
- d. Feeding wildlife is prohibited.
- e. Prevent the emission of odors by installing kitchen hood exhaust filtration systems such as cleaners, filters, purifiers, and scrubbers.

ROP A-7: Air Quality

Objective: Prevent unnecessary or undue degradation of the air and lands, and protect health.

Requirement/Standard: This measure includes the following elements:

- a. Prior to initiation of National Environmental Policy Act (NEPA) analysis for an application to develop a central processing facility, production pad/well, airstrip, road, gas compressor station, or other potential air pollutant emission source (hereafter called project), the BLM AO may require the permittee to provide up to 1 year of baseline ambient air monitoring data. Such a determination would be made in consultation with the EPA/ADEC and with the permittee, to assess the technical practicability of any new data collection. If the BLM determines that baseline monitoring is required, this pre-analysis data must meet ADEC and EPA air monitoring standards. The BLM will not require pre-project monitoring when the life of the project is less than 1 year.
- b. For an application to develop a central production facility, production pad/well, airstrip, road, gas compressor station, or other potential substantial air pollutant emission source, the permittee shall prepare and submit for BLM approval an emissions inventory that includes quantified emissions of regulated air pollutants from all direct and indirect sources related to the proposed project. This includes reasonably foreseeable air pollutant emissions of criteria air pollutants, volatile organic compounds, hazardous air pollutants, and greenhouse gases estimated for each year for the life of the project. The BLM uses this estimated emissions inventory to identify pollutants of concern and to determine the appropriate form of air analysis to be conducted for the proposed project.
- c. The BLM may require air quality modeling for purposes of analyzing project direct, indirect, or cumulative impacts on air quality, air quality-related values, and hazardous air pollutants, should no recent modeling analysis be available as a proxy. The BLM may require air quality modeling depending on the following:
 - i. The magnitude of potential air emissions from the project
 - ii. Proximity to a federally mandated Class I area
 - iii. Proximity to a population center
 - iv. Location in or proximity to a non-attainment or maintenance area
 - v. Meteorological or geographic conditions
 - vi. Existing air quality conditions
 - vii. Magnitude of existing development in the area
 - viii. Issues identified during the NEPA process

- d. The BLM will determine the information required for a project-specific modeling analysis through the development of a modeling protocol for each analysis. The BLM will consult with appropriate federal (including federal land managers), State, and/or local agencies and with the permittee regarding modeling to inform its modeling decision and avoid duplication of effort.
- e. The BLM may require the proponent to provide an emissions reduction plan that includes a detailed description of permittee-committed measures to reduce project-related air pollutant emissions, including, but not limited to, criteria pollutants, hazardous air pollutants, greenhouse gases, heavy metals, mercury, and fugitive dust.
- f. Air monitoring or air modeling reports will be provided to the BLM.
- g. The BLM may require monitoring, depending on the following:
 - i. The magnitude of potential air emissions from the project
 - ii. Meteorological or geographic conditions
 - iii. Magnitude of existing development in the area
 - iv. Issues identified during the NEPA process
 - v. Proximity to a population center

Alternatively, copies of the Facility Operating Report, prepared for ADEC in compliance with the State of Alaska air quality regulations, may be submitted to satisfy this requirement.

- h. If ambient air monitoring or air quality modeling indicates that project-related emissions cause or contribute to unnecessary or undue degradation of the public lands, or exceedances of the National Ambient Air Quality Standards/Alaska Ambient Air Quality Standards, air quality-related values, and hazardous air pollutants threshold levels, then the BLM may require the permittee to change their proposal or propose mitigation to reduce impacts or comply with the National Ambient Air Quality Standards/Alaska Ambient Air Quality Standards. Project changes and mitigation measures will be analyzed through appropriate NEPA analysis to determine effectiveness.

ROP A-8: Firefighting Foam Standards

Objective: To prevent the release of poly- and perfluoroalkyl substances associated with the use of aqueous film-forming foam, a firefighting foam designed to extinguish flammable and combustible liquids and gases.

Requirement/Standard: At facilities where firefighting foam is required, permittees shall use fluorine-free foam unless otherwise approved in a State- or federally required plan. If aqueous film-forming foam use is approved in the permittee's plan, the permittee shall contain, collect, treat, and properly dispose of all runoff wastewater from training events, and, to the greatest extent possible, from any emergency response events. All discharges must be reported to the BLM AO as soon as possible, but no later than 24 hours after occurrence. Other federal, State, and NSB entities shall be notified as required by law. Measures should also be taken to fully inform workers/trainees of the potential health risks of fluorinated foams and to specify appropriate personal protective equipment to limit exposure during training and use. Training events shall be conducted in lined areas or basins to prevent the release of poly- and perfluoroalkyl substances associated with aqueous film-forming foam.

ROP A-9: Vehicle Idling Standards

Objective: Reduce air emissions and protect human health.

Requirement/Standard:

- a. All permanent camps (year-round occupancy), and temporary camps where feasible, are required to provide vehicle plug-ins for engine warming systems (e.g., block heaters and oil pan heaters).
- b. Reduce extended vehicle idling when practical. In the winter, when vehicles are not in use for extended periods, they shall generally be powered off and plugged in where plugs are available, except in cases of extremely cold temperatures (vehicle dependent) when plug-ins may not provide sufficient warmth.

Water Use for Permitted Activities

ROP B-1: Water Use from Rivers and Streams

Objective: Maintain populations of, and adequate habitat for, fish and invertebrates.

Requirement/Standard: Withdrawal of unfrozen water from rivers and streams during winter is prohibited. The removal of ice aggregate from grounded areas ≤ 4 feet deep may be authorized from rivers on a site-specific basis.

ROP B-2: Water Use from Lakes

Objective: Maintain natural hydrologic regimes in soils surrounding lakes and ponds and maintain populations of, and adequate habitat for, fish, aquatic invertebrates, and birds.

Requirement/Standard: Withdrawal of unfrozen water from lakes and the removal of ice aggregate from grounded areas 4 feet deep or less during winter and withdrawal of water from lakes during the summer may be authorized on a site-specific basis, depending on water volume and depth, the fish community, and connectivity to other lakes or streams.

Winter Water Use

- a. Lakes with sensitive fish (i.e., any fish except ninespine stickleback or Alaska blackfish): Unfrozen water available for withdrawal is limited to 15 percent of calculated volume deeper than 7 feet.
- b. Lakes with only nonsensitive fish (i.e., ninespine stickleback or Alaska blackfish): Unfrozen water available for withdrawal is limited to 30 percent of calculated volume deeper than 5 feet.
- c. Lakes with no fish, regardless of depth: Unfrozen water available for withdrawal is limited to 20 percent of total lake volume.
- d. Ice aggregate may be removed from grounded areas 4 feet deep or less on any lake. The combination of unfrozen water and ice aggregate must not exceed 20 percent of total lake volume at lakes with resistant fish species only and lakes with no fish. The combination of unfrozen water and ice aggregate must not exceed 20 percent of total lake volume at lakes with sensitive fish species.
- e. Compacting snow cover or removing snow from ungrounded ice areas of fish-bearing waterbodies would be prohibited, except at approved ice road and snow trail stream crossings, water pumping stations on lakes, and ice airstrips on lakes. Additional data collection may be required at ice airstrips.

Summer Water Use

- f. Requests for summer water use must be made separately, and the volume allowance would be evaluated through the normal permitting process. Approval from the BLM AO is required.

All Water Use

- g. Any water intake structures in fish-bearing or non-fish-bearing waters shall be designed, operated, and maintained to prevent fish entrapment, entrainment, or injury. All water withdrawal equipment must be equipped with and use fish screening devices approved by the Alaska Department of Fish and Game (ADF&G) Habitat Section.
- h. Additional modeling or monitoring may be required to assess lake water level, outlet flow, and/or water quality conditions before, during, and after water use from any lake of special concern.
- i. A daily record of water removed as unfrozen water or ice aggregate (separately) must be maintained and submitted to the BLM with the weekly report of activities. Submitting water and ice use in the format specified by the BLM is required.
- j. The BLM must be notified within 48 hours if water removal exceeds the volume approved at any lake.
- k. The BLM must be notified within 48 hours of any observation of dead or injured fish on water source intake screens, in the hole being used for pumping, or within any portion of ice roads or pads. If observed at a particular lake, pumping must cease temporarily from that hole until additional preventive measures are taken to avoid further impacts on fish.

Winter Overland Moves and Seismic Work

The following ROPs apply to overland moves, seismic work, and any similar cross-country vehicle use of heavy equipment on non-roaded surfaces during the winter season. These restrictions do not apply to the use of such equipment on ice roads after they are constructed.

ROP C-1: Den Buffers and Survey Requirements

Objective: Protect grizzly bear, polar bear, and marine mammal sea ice breathing holes, lairs, and birthing locations.

Requirement/Standard:

- a. **Grizzly bear dens**—Cross-country use of all vehicles, equipment, and oil and gas activity is prohibited within 0.5 miles of occupied grizzly bear dens identified by the ADF&G or the U.S. Fish and Wildlife Service (USFWS), unless alternative protective measures are approved by the BLM AO, in consultation with the ADF&G.
- b. **Polar bear dens**—Cross-country use of vehicles, equipment, oil and gas activity, and seismic survey activity is prohibited within 1 mile of known or observed polar bear dens, unless alternative protective measures are approved by the BLM AO and are consistent with the Marine Mammal Protection Act and the Endangered Species Act (ESA).
- c. In order to limit disturbance around known polar bear dens, implement the following:
 - i. Attempt to locate polar bear dens—Permittees seeking to carry out onshore activities in known or suspected polar bear denning habitat during the denning season (approximately November to April) must make efforts to locate occupied polar bear dens within and near areas of operation, utilizing den detection techniques approved in consultation with the USFWS. All observed or suspected polar bear dens must be reported to the USFWS prior to the initiation of activities.
 - ii. Observe the exclusion zone around known polar bear dens—Permittees must observe a 1-mile operational exclusion zone around all known polar bear dens during the denning season

- (approximately November–April, or until the female and cubs leave the areas). Should previously unknown occupied dens be discovered within 1 mile of activities, work must cease and the USFWS must be contacted for guidance. The USFWS will evaluate these instances to recommend the appropriate action. Potential actions may range from cessation or modification of work to conducting additional monitoring, and the holder of the authorization must comply with any additional measures specified.
- iii. Use the den habitat map developed by the U.S. Geological Survey—This measure ensures that the location of potential polar bear dens is considered when conducting activities in the coastal areas of the Beaufort Sea.
 - iv. Polar bear den restrictions—Restrict the timing of the activity to limit disturbance around dens.
- d. In order to limit disturbance of activities to seal lairs in the nearshore area (< 9.8-foot water depth):
- i. Specific to seismic operations:
 - a) Prior to the initiation of winter seismic surveys on marine ice, the permittee will conduct a sound source verification test approved by the BLM and National Marine Fisheries Service (NMFS). The test is to measure the attenuation distance to the 120 decibels re 1 micro Pascal of project-associated sound levels through grounded ice to areas potentially occupied by ice seals (ungrounded ice and open water). The permittee will share the results with the BLM and the NMFS. The attenuation distance will be used to buffer all marine on-ice seismic survey activity operations to areas potentially occupied by ice seals.
 - ii. For all activities:
 - a) Maintain airborne sound levels of equipment below 100 decibels re 20 micro Pascals at 66 feet. If equipment will be used that differs from what was originally proposed, the permittee must inform the BLM AO and share sound levels and air and water attenuation information for the new equipment.
 - b) On-ice operations after May 1 will employ a full-time, trained, protected species observer on vehicles to ensure that all basking seals are avoided by vehicles by at least 500 feet and will ensure that all equipment with airborne noise levels above 100 decibels re 20 micro Pascals are operating at distances from observed seals that allow for the attenuation of noise to levels below 100 decibels. All sightings of seals will be reported to the BLM using a NMFS-approved observation form.
 - c) Sea ice trails must not be greater than 12 feet wide. No driving will be allowed beyond the shoulder of the ice trail or off planned routes unless necessary to avoid ungrounded ice or for other human or marine mammal safety reasons. On-ice driving routes shall minimize travel over snow/ice/topographical features that could foster the development of birthing lairs.
 - d) No unnecessary equipment or operations (e.g., camps) will be placed or used on sea ice.

ROP C-2: Winter Tundra Travel

Objective: Protect stream banks, minimize compaction of soils, and minimize the breakage, abrasion, compaction, or displacement of vegetation.

Requirement/Standard:

- a. Off-road travel will be allowed by the BLM AO when soils are frozen to sufficient depth (defined by a soil temperature of 23 degrees Fahrenheit or lower at a depth of 12 inches), and 6 inches of snow cover exists. Snow distribution and pre-packing may be used to maintain sufficient snow cover in areas of poor snow coverage. The permittee shall submit data to the BLM to show that these conditions have been reached prior to conducting work.
- b. Snow survey and soil freeze-down data collected for ice road or snow trail planning and monitoring shall be submitted to the BLM with the required weekly report of operations.
- c. Off-road travel is generally to be conducted with low-ground-pressure vehicles unless otherwise approved by the BLM AO. Low-ground pressure is defined as vehicles with less than 4 psi ground pressure, or vehicles that have passed the Alaska Department of Natural Resources low-pressure vehicle qualification certification.
- d. All vehicles shall be selected and operated in a manner that eliminates direct impacts on the tundra by shearing, scraping, or excessive compaction. *Note: This provision does not include the use of heavy equipment required during ice road construction; however, heavy equipment would not be allowed on the tundra until conditions in a., above, are met.*
- e. Bulldozing tundra mat and vegetation for the construction of trails or seismic lines is prohibited. Clearing or smoothing drifted snow is allowed to the extent that the tundra mat is not disturbed. Only smooth pipe snow drags would be allowed for smoothing drifted snow.
- f. Ice roads would be designed and located to avoid the most sensitive and easily damaged tundra types, as much as practicable.
- g. Motorized ground vehicle use associated with overland moves, seismic work, and any similar use of heavy equipment shall be minimized within an area that extends 1 mile west or northwest of the bluffs of the Colville River and 2 miles on either side of the Kogosukruk and Kikiakrorak Rivers and tributaries of the Kogosukruk River from April 15 through August 5, with the exception that use shall be minimized in the vicinity of gyrfalcon nests beginning March 15. Such use would remain 0.5 miles from known raptor nesting sites, unless authorized by the AO.
- h. Incidents of damage to the tundra shall be reported to the AO within 72 hours of occurrence. Follow-up corrective actions shall be determined in consultation with and approved by the AO.
- i. The permittee shall provide the BLM with an as-built of all ice roads, snow trails, and ice pads after the infrastructure is completed. Data must be in a Geographic Information System (GIS) format (ESRI shapefiles referencing the North American Datum of 1983).

ROP C-3: Ice Bridges

Objective: Maintain natural spring runoff patterns and fish passage, avoid flooding, prevent streambed sedimentation and scour, protect water quality, and protect stream banks.

Requirement/Standard: Crossing of waterway courses shall be made using a low-angle approach. Crossings that are reinforced with additional snow or ice (“bridges”) shall be removed, breached, or slotted before spring breakup. Ramps shall be removed to the extent possible without damaging stream banks. Ramps and bridges shall be substantially free of soil and debris.

The permittee shall provide to the BLM any ice thickness and water depth data collected at ice road or snow trail stream crossings during the pioneering stage of road and trail construction.

At the end of operations in the spring, the permittee shall provide the BLM with photographs of all stream crossings that have been removed, breached, or slotted.

ROP C-4: Winter Travel Along Streambeds

Objective: Avoid additional freeze-down of water harboring overwintering fish.

Requirement/Standard: Some travel up and down streambeds would be allowed by the individual vehicles collecting snow from river drifts or ice aggregate from the channel (where ice is grounded). Use of the frozen streambed as the primary ice road or snow trail route is prohibited. Rivers and streams shall be crossed at areas of grounded ice, whenever possible.

ROP C-5: Seismic Surveys Near Fish Habitat

Objective: Minimize the effects of high-intensity acoustic energy from seismic surveys on fish.

Requirement/Standard:

- a. When conducting vibroseis-based surveys above potential fish overwintering areas (water 6 feet deep or greater ice plus liquid depth), permittees shall follow recommendations by Morris and Winters (2005); that is, only a single set of vibroseis shots should be conducted if possible. If multiple shot locations are required, these should be conducted with minimal delay; multiple days of vibroseis activity above the same overwintering area should be avoided, if possible.
- b. When conducting air gun-based surveys in freshwater, permittees shall follow standard marine mitigation measures that are applicable to fish (e.g., MMS 2008³); that is, permittees shall use the lowest sound levels feasible to accomplish their data-collection needs; ramp-up techniques will be utilized (ramp-up involves the gradual increase in emitted sound levels, beginning with firing a single air gun and gradually adding air guns until the desired operating level of the full array is obtained).
- c. When conducting explosive-based surveys, permittees shall follow setback distances from fish-bearing waterbodies, based on requirements outlined by Timothy (2013⁴).

Oil and Gas Exploratory Drilling

ROP D-1: Oil and Gas Exploratory Drilling

Objective: Minimize surface impacts from exploratory drilling.

Requirement/Standard: Construction of permanent oil and gas facilities shall be prohibited for exploratory drilling. Use and minor modification of a previously constructed road or pad may be permitted.

Facility Design and Construction

ROP E-1: Protections for Subsistence Users

Objective: Protect subsistence use and access to subsistence hunting and fishing areas, and minimize potential impacts of development on subsistence resources.

³Minerals Management Service. 2008. Alaska Outer Continental Shelf, Beaufort Sea and Chukchi Sea Planning Areas, Oil and Gas Lease Sales 209, 212, 217, 221. Draft Environmental Impact Statement OCS EIS/EA MMS 2008-0055. U.S. Department of the Interior, Minerals Management Service, Alaska OCS Region.

⁴Timothy, J. 2013. Alaska Blasting Standard for the Proper Protection of Fish. Alaska Department of Fish and Game, Technical Report No. 13-03, Douglas.

Requirement/Standard: All roads must be designed, constructed, maintained, and operated to minimize environmental impacts and to allow for subsistence use and access to subsistence use areas.

- a. Subsistence pullout and access/egress ramps shall be incorporated into future project design and construction in adequate numbers and at appropriate locations on all roads to facilitate access to subsistence use areas. Prior to constructing a road, permittees shall gather input from communities (tribe, village ANCSA corporation, and city) regarding the number and location of pullouts and associated access ramps. Permittees shall post the locations of the ramps publicly and provide a mechanism for local community members to comment on the location of the ramps. The AO may require “hardening” of the tundra around the bottom of the ramps to prevent damage from summer use.
- b. Permittees shall construct subsistence pullouts and boat ramps at crossings of important subsistence rivers and streams as determined by consultation with the affected community. The AO may waive this requirement where boat access is not possible at the crossing or if consultation with the affected community determines that a boat ramp is not useful at that location.
- c. Permittees must allow subsistence use of permanent gravel roads and appropriate ice roads, consistent with safe operations. Permittees shall provide communities and the BLM with concise policies regarding use of all roads and hunting prohibitions, if any, along the roads and near facilities. Permittees shall ensure that any road use guidelines and updated road maps are disseminated throughout the communities, including making them available online and through social media. Permittees shall include a presentation on road use policies in employee orientations, shall ensure that subcontractors have the policy for their employee orientation, and shall maintain copies of the policies at security stations and safety checkpoints.
- d. Before ice road construction begins, the permittee shall post copies of maps of that winter’s ice roads and make them readily available online. The permittee shall also offer to the nearest affected community(s) a meeting to discuss routes; the permittee shall notify the BLM at least 1 week prior to any such meeting.

ROP E-2: Infrastructure Siting Near Waterbodies

Objective: Protect fish-bearing waterbodies, water quality, and aquatic habitats.

Requirement/Standard: Permanent infrastructure, except essential pipeline and road crossings, is prohibited within 500 feet of the ordinary high water mark of fish-bearing waterbodies (also refer to **Stipulation K-1** and **Stipulation K-2**).

Construction camps are prohibited on frozen lakes and river ice. Where leveling of trailers or modules is required and the surface has a vegetative mat, leveling shall be accomplished through blocking rather than use of a bulldozer.

ROP E-3: Shoreline Infrastructure

Objective: Maintain free passage of marine and anadromous fish, protect shorebird staging and feeding areas, and protect subsistence use and access to subsistence hunting and fishing.

Requirement/Standard: Linear infrastructure that connects to the shoreline (e.g., causeways and docks) is prohibited in river mouths or deltas. Artificial gravel islands and permanent bottom-founded structures are prohibited in river mouths or active stream channels on river deltas. In areas where it is permissible, linear infrastructure that connects to the shoreline shall be designed to ensure free passage of marine and anadromous

fish and to prevent significant changes to nearshore oceanographic circulation patterns and water quality characteristics. The BLM will require submittal of a minimum of 2 years of site-relevant data on fish, circulation patterns, and water quality before approving a permit for construction. If such data do not exist, the permittee may be required to gather these data. A post-construction monitoring program, developed in consultation with appropriate federal, State, and NSB regulatory and resource agencies, shall be required to track circulation patterns, water quality, and fish movements around the structure.

ROP E-4: Minimize Development Footprint

Objective: Minimize impacts of the development footprint.

Requirement/Standard: Facilities would be designed and located to minimize the development footprint and impacts. Issues and methods that are to be considered include:

- a. Using extended-reach drilling whenever practical for production drilling to minimize the number of pads and the network of roads between pads
- b. Considering sharing of facilities and infrastructure with existing developments
- c. Collocating other oil and gas facilities with drill pads when feasible. Exceptions would generally include airstrips, docks, existing base camps, and saltwater treatment plants.
- d. Using gravel-reduction and gravel-recovery technologies (e.g., insulated or pile-supported pads, and use of geotextile under gravel pads)
- e. When possible, locating facilities and other infrastructure outside areas identified as important for wildlife habitat, subsistence uses, and recreation. These areas would be identified during the project permitting phase through consultation with federal, State, and local agencies as well as consultation with appropriate Alaska Native organizations.
- f. Optimize the size of gravel pads to balance storage space against the need to minimize aircraft traffic.

ROP E-5: Stream Crossing Design

Objective: Ensure the passage of fish at stream crossings and reduce the potential for ice-dam flooding, impacts on wetlands and floodplains, erosion, and alteration of natural drainage patterns.

Requirement/Standard: Stream and marsh crossings shall be designed and constructed to ensure free passage of fish, reduce erosion, maintain natural drainage, and minimize adverse effects on natural streamflow.

- a. To allow for sheet flow and floodplain dynamics and to ensure passage of fish and other organisms, bridges are preferred over culverts. However, culverts may be permitted on smaller streams, if they are large enough to avoid restricting fish passage or adversely affecting natural streamflow.
- b. The BLM will require fish sampling at any stream crossing where flow is channelized. The permittee may be required to gather these data, or this requirement may be waived if an acceptable dataset already exists and is approved by the AO. Alternatively, the permittee may assume fish presence and design accordingly.
- c. Stream and marsh crossings are to be designed on at least 1 year of relevant hydrologic data.
- d. To ensure that crossings provide for fish passage, all proposed crossing designs would adhere to the standards outlined in fish passage design guidelines developed by the USFWS Alaska Fish Passage Program (USFWS 2019⁵), USFWS Culvert Design Guidelines for Ecological Function (USFWS

⁵U.S. Fish and Wildlife Service. 2019. Fish Passage Design Guidelines. U.S. Fish and Wildlife Service Alaska Fish Passage Program. March 21, 2019.

2020⁶), and Stream Simulation: An Ecological Approach to Providing Passage for Aquatic Organisms at Road-Stream Crossings (USFWS 2008⁷).

- e. The crossing structure design shall account for permafrost, sheet flow, additional freeboard during breakup, and other unique conditions of the arctic environment.

ROP E-6: Road and Pipeline Design

Objective: Minimize disruption of caribou movement and subsistence access.

Requirement/Standard: Pipelines shall be designed to allow free movement of caribou and safe, unimpeded subsistence access. Listed below are the accepted design practices:

- a. Aboveground pipelines shall be elevated a minimum of 7 feet, as measured between the ground and lowest point of the pipeline between vertical support members (VSMs) (lowest point may be the bottom of the lowest hanging vibration dampener; Lawhead et al. 2006⁸).
- b. A minimum distance of 500 feet between pipelines and roads shall be maintained. Separating roads from pipelines may not be feasible within narrow land corridors between lakes and where pipelines and roads converge on a drill pad. Where it is not feasible to separate pipelines and roads, alternative pipeline routes, designs, and possible burial within the road will be considered by the AO.
- c. Aboveground pipelines shall have a nonreflective finish.
- d. When laying out oil and gas field developments, permittees shall orient infrastructure to minimize impeding caribou migration and to avoid corralling effects.
- e. As part of the permitting process for construction of permanent facilities, the permittee shall submit for the BLM's consideration studies or information describing caribou movement for the impacted herd.

ROP E-7: Sand and Gravel Mining

Objective: Minimize the environmental impacts of mining sand and gravel.

Requirement/Standard: Mine site design and reclamation shall comply with a plan reviewed and approved by the AO. The permittee shall coordinate during the plan preparation with other federal, State, and local agencies having jurisdiction.

- a. The plan shall consider locations outside the active floodplain.
- b. The plan shall incorporate as much as practicable the storage and reuse of sod/overburden for the mine site or at other disturbed sites on the North Slope.
- c. Removal of greater than 100 cubic yards of bedrock outcrops, sand, and/or gravel from cliffs is prohibited.

⁶ _____. 2020. Culvert Design Guidelines for Ecological Foundations. U.S. Fish and Wildlife Service Alaska Fish Passage Program. February 5, 2020.

⁷ _____. 2008. Stream Simulation: An Ecological Approach to Providing Passage for Aquatic Organisms at Road-Stream Crossings. National Technology and Development Program. 7700—Transportation Management 0877 1801-SDTDC. August 2008. San Dimas, California.

⁸Lawhead, B. E., J. P. Parrett, A. K. Prichard, and D. A. Yokel. 2006. A literature review and synthesis on the effect of pipeline height on caribou crossing success. BLM Alaska Open-File Report 106, U.S. Department of the Interior, Bureau of Land Management, Fairbanks. 96 pp.

- d. Any extraction of sand or gravel from an active river or stream channel must be preceded by a hydrological study that describes impacts on streamflow, fish, turbidity, and the integrity of the river bluffs, if present.
- e. Mine pit design and methods shall be engineered to minimize permafrost regime disturbance and protect surface stability.
- f. Geotechnical data collected for materials source reconnaissance (gravel exploration) shall be submitted to the BLM.

ROP E-8: Facility Visibility Requirements

Objective: Minimize bird collisions with infrastructure, especially during migration and inclement weather.

Requirement/Standard: Flagging of structures, such as elevated utility lines and guy wires, shall be required to minimize bird collision. All facility external lighting, during all months of the year, shall be designed to direct artificial exterior lighting inward and downward or be fitted with shields to reduce reflectivity in clouds and fog conditions, unless otherwise required by the Federal Aviation Administration.

ROP E-9: Protections for Certain Bird Species with Special Status

Objective: Minimize impacts on bird species, particularly those listed under the ESA and BLM special status species, resulting from direct or indirect interaction with infrastructure.

Requirement/Standard: Bird species with special status are protected under **ROP E-8** and **ROP E-15**, and by the protections outlined below. In accordance with the guidance below, before the approval of infrastructure construction, the following studies shall be conducted, and recommended design elements shall be incorporated.

Special Conditions in Spectacled and/or Steller's Eiders Habitats

- a. The BLM will require submittal of a minimum of 3 years of site-relevant survey data before authorization of construction, if such construction is within spectacled and Steller's eider habitats, as defined by the area contained within the USFWS Arctic Coastal Plain Aerial Waterbird Breeding Population Survey area or the Barrow Triangle Steller's Eider Survey area. The BLM will evaluate adequacy of survey data and ecological mapping (as required under **ROP E-10**) to determine if ground-based nest surveys are required. If required, spectacled and/or Steller's eider ground nest surveys shall be conducted, following accepted BLM protocol. Information gained from these surveys shall be used to make infrastructure siting decisions, as discussed in subparagraph "b," below. Data shall be transmitted to the BLM in a GIS format (ESRI shapefiles referencing the North American Datum of 1983).
- b. If spectacled and/or Steller's eiders are determined to be present within the proposed development area, the applicant shall work with the USFWS and the BLM early in the design process to site roads and infrastructure in order to minimize impacts on nesting and brood-rearing eiders and their habitats. Such consultation shall address timing restrictions and other temporary mitigating measures, location of permanent infrastructure, placement of fill, alteration of eider habitat, aircraft operations, and management of noise levels.

Special Conditions in Yellow-billed Loon Habitats:

The permittee shall determine and submit to the BLM information on the presence of yellow-billed loon habitat within a project area, using the most current data and analysis results from research conducted within the NPR-A.

- c. If yellow-billed loon habitat is determined to be present within the project area, the BLM will require submittal of a minimum of 3 years of site-relevant survey data of lakes greater than 25 acres within 1 mile of the proposed infrastructure. If required, surveys along shorelines of lakes shall be conducted, following accepted BLM protocol, during nesting in late June and during brood rearing in late August.
- d. The design and location of infrastructure must be such that disturbance is minimized. The default standard mitigation shall be a minimum 0.5-mile buffer around all recorded nest sites and shall be up to 1 mile, where feasible. Lakes with yellow-billed loon occupancy shall also include a minimum 1,625-foot buffer around the shoreline. Development would generally be prohibited within buffers. The BLM would consider waivers or modifications to this requirement if no other feasible option exists.

ROP E-10: Use of Ecological Mapping or Equivalent

Objective: Use ecological mapping (or equivalent approach) as a tool to assess fish and wildlife habitat before development of permanent infrastructure to conserve important habitat types, including BLM sensitive plant species and habitat for BLM sensitive animal species.

Requirement/Standard: The permittee shall submit an ecological land classification map (or similar instrument) of the development area as part of the permitting process for infrastructure construction. The map would integrate geomorphology, soils, surface form, and vegetation (including sensitive plant species and habitat for sensitive wildlife species) at a scale, level of resolution, and level of positional accuracy adequate for detailed analysis of development alternatives. A separate map shall be developed displaying detailed water flowlines and small-scale delineation of drainage catchments. BLM will use these maps and related information to determine the need for BLM or the permittee to conduct any additional ground-based assessments before approval of the exact infrastructure location and infrastructure construction.

ROP E-11: Protections for Cultural Resources

Objective: Protect cultural and paleontological resources.

Requirement/Standard: Permittees shall conduct a cultural and paleontological resources survey prior to any ground-disturbing activity. Primary investigators overseeing cultural surveys must meet the Secretary of the Interior's professional qualification standards for qualified professional archaeologists (36 CFR 61, Appendix D). Upon discovering a potentially undocumented cultural or paleontological resource, the permittee or their designated representative shall notify the AO and suspend all operations in the immediate area of the discovery until the AO issues a written authorization to proceed. Permittees shall avoid any identified cultural and paleontological sites by a minimum of 500 feet from the site boundary.

ROP E-12: Visual Resources Management

Objective: Manage permitted activities to meet Visual Resource Management class objectives.

Requirement/Standard: At the time of application for construction of permanent facilities, the permittee shall submit a plan for approval by the AO to best minimize visual impacts, consistent with the Visual Resource

Management class for the lands on which facilities would be located. A photo simulation of the proposed facilities may be a necessary element of the plan.

Visual Resource Management classes:

- a. Class II—Wainwright Inlet and those areas where new infrastructure is not allowed
- b. Class III—Except for those areas designated as Visual Resource Management Class II, rivers and lands within 3 miles of segments of rivers identified as eligible for Wild and Scenic River designation; also Kasegaluk Lagoon, Peard Bay, Elson Lagoon, Dease Inlet, and Admiralty Bay and lands within 3 miles of those waterbodies
- c. Class IV—The rest of the NPR-A

ROP E-13: Protection for Nesting Steller’s and Spectacled Eiders in the Barrow Triangle Area

Objective: Avoid and reduce temporary impacts on productivity from disturbance near Steller’s and spectacled eider nests within the Barrow Triangle area.

Requirement/Standard: Ground-level activity (by vehicle or on foot) within 660 feet of occupied Steller’s or spectacled eider nests, from June 1 through July 31, would be restricted to existing thoroughfares, such as pads and roads. Construction of permanent facilities, placement of fill, alteration of habitat, and introduction of high noise levels within 660 feet of occupied Steller’s or spectacled eider nests would be prohibited. In instances where summer support/construction activity must occur off existing thoroughfares from June 1 through July 31, USFWS-approved nest surveys must be conducted during the approved survey window prior to the BLM approval of the activity. Collected data would be used to evaluate whether the action could occur, based on deployment of a 660-foot buffer around nests, or if the activity would be delayed until after mid-August, once ducklings are mobile and have left the nest site.

Permittees are encouraged to work outside the eider nesting window throughout the NPR-A.

ROP E-14: GIS Files for Proposed Infrastructure

Objective: Provide information to be used in monitoring and assessing wildlife movements during and after construction.

Requirement/Standard: During the planning and permitting phase for new infrastructure, the permittee shall provide in a GIS format (ESRI shapefiles referencing the North American Datum of 1983) files of proposed footprint locations, followed by shapefiles of all new infrastructure footprints within 6 months of construction completion. Infrastructure includes all gravel roads and pads, facilities built on pads, pipelines, and independently constructed power lines (as opposed to those incorporated in pipeline design). Gravel pads would be included as polygon features. Roads, pipelines, and power lines may be represented as line features but must include ancillary data to denote such data as width and number of pipes. Poles for power lines may be represented as point features. Ancillary data will include construction beginning and ending dates.

ROP E-15: Aboveground Utility Design

Objective: Minimize the impacts on bird species from direct interaction with aboveground utility infrastructure.

Requirement/Standard:

- a. To reduce the possibility of birds colliding with aboveground utility lines (power and communication), such lines would either be buried in access roads or would be suspended on VSMs. Exceptions are limited to the following situations:
 - i. Overhead power or communication lines may be allowed when located entirely within the boundaries of a facility pad.
 - ii. Overhead power or communication lines may be allowed when engineering constraints at the specific and limited location make it infeasible to bury or connect the lines to a VSM.
 - iii. Overhead power or communication lines may be allowed in situations when human safety would be compromised by other methods.
- b. To reduce the likelihood of birds colliding with them, communication towers would be located, to the extent practicable, on existing pads and as close as possible to buildings or other structures and on the east or west side of buildings or other structures, if possible. Support wires associated with communication towers, radio antennas, and other similar facilities would be avoided to the extent practicable. If support wires are necessary, they would be clearly marked along their entire length to improve visibility to low-flying birds. Such markings would be developed through consultation with the USFWS.
- c. Design of other utility infrastructure, such as wind turbines, would be evaluated under a specific development proposal.
- d. The permittee shall comply with current industry-accepted practices for raptor protection on power lines, such as the most recent Avian Power Line Interaction Committee suggested practices.

ROP E-16: Protections for Nesting Falcons

Objective: Minimize disturbance to nesting falcons.

Requirement/Standard:

- a. To reduce disturbance from campsite activity to nesting falcons, campsites authorized by the BLM, including short- and long-term camps and agency work camps, shall be located at least 1,640 feet from any known falcon nest site. Exceptions may be granted by the AO through the normal permitting process.
- b. All users authorized by the BLM, including BLM and other agency personnel, shall submit for approval an operational plan that includes dates, locations, and schedule of visits to cliff sites, when dates are between April 15 and August 1. Permittees shall follow the guidelines for conducting activities near falcon nests.
- c. Off-road foot or vehicle traffic, construction, and nonemergency hazardous material or solid waste cleanup shall be prohibited within 1 mile of known arctic peregrine and gyrfalcon nests from April 15 through August 1. Nonemergency cleanup refers to remediation of old sites, such as removal of drums or soil that have been contaminated for longer than 1 year.

Use of Aircraft for Permitted Activities

ROP F-1: Aircraft Use Plan

Objective: Provide aviation data required for BLM management, for ESA consultation with the USFWS and NMFS, and to minimize impacts on subsistence activities and wildlife.

Requirement/Standard: Permittees shall submit an aircraft use plan at least 60 days prior to permitted activities. The plan shall include the following elements:

- a. The estimated number of anticipated flights, as defined by a single takeoff and landing, including the estimated number that will occur north of 70 degrees North latitude (to allow for programmatic ESA consultation). The number of takeoffs and landings should be limited to the maximum extent practicable. During the design of proposed infrastructure projects, larger landing strips and storage areas should be considered to allow the use of larger aircraft.
- b. Types of aircraft, including tail numbers of aircraft (as early as possible and prior to use), and description of any unmanned aircraft use
- c. Strategies to coordinate daily aircraft use with the aviation community and local subsistence users
- d. Methods of monitoring and reporting flights. The AO may require adjustments to the aircraft use plan, based on the results of the monitoring.

Strategies to comply with **ROPs F-2** and **F-3**, and **Stipulations K-6, K-7, K-8, and K-11**, as applicable.

ROP F-2: Minimum Flight Altitudes

Objective: Minimize the effects of low-flying aircraft on wildlife, subsistence activities, and local communities.

Requirement/Standard: Except for takeoffs and landings, manned aircraft flights for permitted activities (fixed-wing and helicopters, unless specified) shall maintain a 1,500-foot minimum altitude agl unless doing so would endanger human health and safety or violate safe flying practices, or if the purpose of the flight requires constant sight of the ground, such as sighting of wildlife or for archaeological or engineering survey flights or ice road planning and cleanup. Exceptions to the 1,500-foot agl minimum altitude are listed below:

- a. Single-engine manned aircraft and unmanned aircraft systems devices should not knowingly fly within 0.5 miles of walrus haul-outs; or, if required, then maintain 2,000 feet agl when within 0.5 miles of walrus haul-outs.
- b. Helicopters and multi-engine aircraft should not knowingly fly within 1 mile of walrus haul-outs; or, if required, then maintain 3,000 feet agl and a 1-mile buffer from walrus haul-outs.
- c. Aircraft—3,000 feet agl when within 1 mile of aggregation of marine mammals listed under the Endangered Species Act as threatened or endangered.

The BLM will provide maps and data of the areas listed above.

ROP F-3: Reduce Impacts of Air Traffic on Subsistence Resources

Objective: To reduce the impacts of aircraft traffic on North Slope subsistence hunters.

Requirement/Standard:

- a. Hazing of wildlife by aircraft is prohibited. Pursuit of running wildlife is hazing. If wildlife begins to run as an aircraft approaches, the aircraft is too close and must break away.
- b. Minimize (consistent with operational efficiency and safety) helicopter flights during peak caribou hunting within 2 miles of important subsistence rivers.* Pay particular attention to limiting helicopter traffic during this time to flight corridors that minimize impact (e.g., perpendicular crossings upstream of cabins). The current peak dates are July 15 through August 15, but these dates may be revised from

time to time in consultation with affected communities and the NSB Department of Planning and Department of Wildlife Management.

- c. Minimize aircraft use near known subsistence camps and cabins and during sensitive subsistence hunting periods (spring goose hunting, summer and fall caribou and moose hunting) by adhering to the following guidelines:
 - i. Arrange site visits and flight schedules to conduct required activity near subsistence areas early in the season, on weekdays, and as early in the morning as possible; avoid holidays.
 - ii. Note whether activities overlap important subsistence rivers and determine if a potentially affected community's tribal or city office should be notified.
 - iii. Compare the proposed landing sites with the NSB camps and cabins map files available from the BLM Arctic District Office. If activities near camps or allotments cannot be avoided, contact the camp or allotment owner to discuss the timing of the visit.

*Important subsistence rivers are as follows. This list may be adjusted by the BLM in consultation with the affected community:

- Colville, Ublutuooh, Fish, and Judy Creeks (Nuiqsut)
- Utukok, Kokolik, and Kukpowruk (Point Lay)
- Kuk and tributaries (Kaolak, Ketik, Avalik, Ivisaruk, and Kungok), Kugrua (Wainwright)
- Meade, Nigisaktugvik, and Isiqtuq (Atqasuk)
- Inaru, Topagaruk, Chipp, Ikpikpuk, Miguakiak, and Piasuk (Utqiagvik)

Minimize Subsistence Impacts from Permitted Activities

ROP H-1: Subsistence Plan

Objective: Prevent unreasonable conflicts with subsistence.

Requirement/Standard: The permittee shall submit a subsistence plan; the AO may waive this requirement for minimally impactful activities or projects that do not impact subsistence activities of any community. The plan should be submitted as early as possible, and no later than an application submitted to the BLM. The plan will include:

- a. A brief summary of the proposed activity, focusing on details relevant to subsistence, including the use of aircraft
- b. In accordance with **ROP H-4**, a detailed description of the efforts made by the permittee to consult with directly affected subsistence communities, appropriate Native organizations, working groups, and the NSB, and how their input was considered or incorporated
- c. A description of how the activity, in combination with other activities in the area, would be scheduled and located to prevent conflicts with subsistence activities
- d. Procedures to facilitate access by subsistence users to the permittees' area of activity or appropriate facilities
- e. A description of how the permittee would address potential subsistence issues
- f. An explanation of how the activity's effects on subsistence activities would be documented and how that documentation would be made available

- g. The names and contact information for subsistence representatives, project points of contact, and community liaisons. (This information should be available by the time an application is submitted to the BLM. If this information is not available when the plan is produced, the plan will include the date that it would be available and explain how the applicant would make that information available.)
- h. A description of how the plan would be updated, if necessary, during the course of review and consultation
- i. Information on how the permittee would keep potentially affected individuals and communities up-to-date on the progress of the activities and locations of possible, short-term conflicts with subsistence activities; such communication methods could include posting information on a website and distributing the link, social media, newsletters and radio and television announcements, community meetings, or workshops.

ROP H-2: Notification and Coordination with Private Property Owners

Objective: Prevent unreasonable conflicts with subsistence access and activities by providing opportunities for coordination and incorporating input into project plans.

Requirement/Standard: Permittees shall notify Native allotment owners in writing (via email or hard copy) of any proposed project within 20 miles of a Native allotment in the NPR-A. A database of allotments and owners is maintained by the NSB or Bureau of Indian Affairs. Permittees shall offer coordination with interested allotment owners and inform the BLM of the results of that coordination. This requirement may be waived for minimally impactful activities.

Permittees conducting geophysical (seismic) exploration shall:

- a. Notify and offer individual coordination with potentially affected allotment, camp, and cabin owners.
 - i. The official recognized list of subsistence-use cabins and campsite users is the NSB's most current inventory of cabins and campsites, which have been identified by the subsistence users' names.
 - ii. For the purpose of this standard, a potentially affected site is defined as any allotment, camp, or campsite located within the boundaries of the area proposed for geophysical exploration or within 1 mile of travel routes used to supply seismic operations.
 - iii. The AO would prohibit seismic work within 1 mile of these sites, unless an alternative agreement is reached between the site owner and the permittee.
 - iv. Provide local search and rescue organizations with proposed seismic survey locations before the operational season, and during operations, of the current location on a weekly basis; this notification should include a map indicating the current extent of surface use and occupation and areas previously used and occupied during the course of the operation; this would enable hunters to plan their hunting trips and access routes accordingly.

ROP H-3: Hunting, Fishing, and Trapping by Permittees

Objective: Minimize potential impacts on hunting, trapping, and fishing species and on subsistence harvest of those animals consistent with requirements of the Alaska National Interest Lands Conservation Act.

Requirement/Standard: Hunting, trapping, and fishing by the permittee's employees, agents, and contractors is prohibited when persons are on "work status." Work status is defined as the period during which an individual is under the control and supervision of an employer. Work status is terminated when the individual's shift ends and he/she returns to a public airport or community (e.g., Fairbanks, Utqiagvik,

Nuiqsut, or Deadhorse). Use of permittee facilities, equipment, or transport for personal access or aid in hunting, trapping, and fishing is prohibited.

ROP H-4: Notification and Consultation with Alaska Native Groups

Objective: Prevent unreasonable conflicts with subsistence access and activities by providing opportunities for consultation, and incorporating input into project plans.

Requirement/Standard: For projects that require a subsistence plan (**ROP H-1**), permittees shall prevent unreasonable conflicts with subsistence access, use areas, and schedules by facilitating consultation according to the following guidelines:

- a. Permittees shall provide affected communities early and adequate notice of proposed activities.
 - i. Permittees shall submit the complete subsistence plan (**ROP H-1**) and the proposed plan of operation (or summary thereof) to appropriate North Slope entities at the earliest possible date (and no later than when an application is submitted to the BLM) to allow time for the North Slope entities to determine if the proposed action warrants further consultation.
- b. Permittees shall provide opportunities for affected communities to participate in planning and decision-making and shall solicit and incorporate, as possible, local input on the siting, timing, and methods of the proposed operations. Permittees shall present proposed activities to North Slope entities and to individual tribes and ANCSA corporations as requested. Through this consultation, the permittee shall make every reasonable effort, including such mechanisms as conflict avoidance agreements and mitigating measures, to ensure that proposed activities would not result in unreasonable interference with subsistence activities.
 - i. On any emailed meeting announcements, permittees should carbon copy the BLM.
 - ii. For meetings announced by flyers or other means, the permittees should notify the BLM by email.
 - iii. Permittees shall provide the BLM with a copy of meeting notes within 1 month of the meeting date for all meetings held pursuant to their subsistence plan required in **ROP H-1**.
- c. Permittees that propose barging equipment or supplies to the NPR-A shall notify and coordinate with the Alaska Eskimo Whaling Commission and the appropriate local community whaling captains associations.

ROP H-5: Public Availability of Environmental Data

Objective: Make data and summary reports derived from North Slope studies easily accessible to the public.

Requirement/Standard: Permittees shall submit reports related to permitted activity or required monitoring studies on BLM-managed land. Reports shall be submitted within 2 months of finalization to the BLM Arctic District Office to be posted online, unless otherwise stated in the applicable ROP.

At a minimum, permittees would include all reports related to studies that pertain to the environment on BLM-managed land. Permittees are encouraged to make other research relevant to the community (e.g., research on nonfederal land) accessible in the same manner.

All geospatial data collected by the permittee that are required by the BLM must be submitted to the BLM in a GIS format (ESRI shapefiles referencing the North American Datum of 1983).

The BLM will consider making all data submitted by permittees available to the public. The BLM may grant exceptions for particularly sensitive types of data (e.g., cultural sites and radio-collar locations).

Orientation Programs Associated with Permitted Activities

ROP I-1: Employee Orientation Program

Objective: Minimize cultural and resource conflicts.

Requirement/Standard: All personnel involved in permitted activities shall be provided with information concerning applicable stipulations, ROPs, standards, and specific types of environmental, social, traditional, and cultural concerns that relate to the region. The permittee shall ensure that all personnel involved in permitted activities shall attend an orientation program at least once a year. Elements of the program shall be provided to the AO for review upon request. The proposed orientation program shall include:

- a. Sufficient detail to notify personnel of applicable stipulations and ROPs, as well as inform individuals working on the project of specific types of environmental, social, traditional, and cultural concerns that relate to the region
- b. Address the importance of not disturbing archaeological, paleontological, and biological resources and habitats, including endangered species, fisheries, bird colonies, and marine mammals, and provide guidance on how to identify and avoid disturbance to these resources
- c. Include guidance on the preparation, production, and distribution of information cards on endangered and/or threatened species
- d. Be designed to increase sensitivity and understanding of personnel to community values, customs, and lifestyles in areas in which personnel would be operating
- e. Information concerning avoidance of conflicts with subsistence, commercial fishing activities, and pertinent mitigation
- f. Information for aircraft personnel concerning subsistence activities and areas and seasons that are particularly sensitive to disturbance by low-flying aircraft; of special concern is aircraft use near traditional subsistence cabins and campsites, flights during spring goose hunting and fall caribou and moose hunting seasons, and flights near North Slope communities.
- g. Information that individual training is transferable from one facility to another, except for elements of the training specific to a particular site
- h. On-site records of all personnel who attend the program for as long as the site is active, though not to exceed the 5 most recent years of operations. This record shall include the name and dates(s) of attendance of each attendee.
- i. A module discussing bear interaction plans to minimize conflicts between bears and humans
- j. A copy of 43 CFR 3163 regarding Non-Compliance Assessment and Penalties to on-site personnel
- k. Training designed to ensure strict compliance with local and corporate drug and alcohol policies. This training should be offered to the NSB Health Department for review and comment.

Summer Vehicle Tundra Access

ROP L-1: Tundra Travel

Objective: Protect stream banks and water quality; minimize compaction and displacement of soils; minimize the breakage, abrasion, compaction, or displacement of vegetation; protect cultural and paleontological

resources; maintain populations of and adequate habitat for birds, fish, and caribou and other terrestrial mammals; and minimize impacts on subsistence activities.

Requirement/Standard: Low-ground-pressure vehicles (see definition in **ROP C-2**) may be permitted to travel off of gravel pads and roads during times other than those identified in part “a” of **ROP C-2**. Permission for such use would be granted only after an applicant has completed the following:

- a. Described procedures for route walking ahead of tundra vehicles, including what information will be collected.
- b. Designed and/or modified the use proposal to minimize impacts based on timing to protect ground-nesting birds, and considered shifting work to winter, route selection, and minimizing interactions with wildlife or subsistence activities.
- c. Submitted off-road travel as part of a vehicle use plan for AO approval, except for shorter notice and unforeseen trips; see **ROP M-1**.

See **ROP E-11** for additional requirements to protect cultural and paleontological resources.

General Wildlife and Habitat Protection

ROP M-1: Vehicle Use Plans

Objective: Minimize disturbance and hindrance of wildlife, or alteration of wildlife movement.

Requirement/Standard: Permittees will submit a vehicle use plan with their permit application for approval by the AO. The AO may waive this requirement for minimally impactful activities.

Vehicle use plans will have the following elements:

- a. Following wildlife with ground vehicles is prohibited. Particular attention would be given to avoid disturbing caribou.
- b. The management plan would follow industry practices to minimize or mitigate delays to caribou movement, vehicle collisions, or displacement during calving, spring migration, fall migration, and post-insect aggregation movement.
- c. Summary of all planned off-road travel, including the number of vehicles, type, and general routes
- d. Strategies for complying with **Stipulations K-6, K-7, K-8, K-11**, and **ROP L-1**, if applicable.
- e. Monitoring will be required as part of the vehicle use plan for up to 5 years after road construction. A monitoring plan could include collection of data on vehicle counts and vehicle interactions with wildlife. The AO may require adjustments to the vehicle use plan, based on the results of the monitoring.
- f. Permittees shall provide an annual report to the AO, reporting roadkill of birds and mammals to help the BLM to determine whether preventative measures on vehicle collisions are effective.

ROP M-2: Invasive Species Prevention Plan

Objective: Prevent the introduction, or spread, of nonnative, invasive species in the NPR-A.

Requirement/Standard: Prior to operations in the NPR-A, permittee shall submit a plan for the BLM’s approval detailing the methods for preventing the introduction of invasive plant and animal species. The plan shall include methods for cleaning equipment and vehicles, monitoring for weeds, and weed control. Permittee

shall monitor annually along roads for nonnative, invasive species and initiate effective weed control measures upon evidence of their introduction. See **ROP M-3** for requirements to reduce areas of bare soil.

ROP M-3: Minimize Bare Soil

Objective: Reduce areas of bare soil that can contribute to dust emission to protect human health and subsistence resources.

Requirement/Standard: Areas of bare soil resulting from operations will be revegetated with native species within 48 months of abandonment, unless otherwise specified in the abandonment and reclamation plan.

A.3.3 Lease Notices

Lease Notice 1: Liability for Wildfires

- a. Permittees who start a fire are liable for the costs of wildfire suppression and damages to property and natural resources.
- b. Infrastructure built by permittees on BLM-managed land shall be protected from wildfire, in accordance with the Alaska Remote Structure Protection Policy. The BLM will not be held liable for damages to private property caused by wildfire, regardless of the cause of the fire.

Lease Notice 2: Compliance with the Endangered Species Act

The lease areas may now or hereafter contain plants, animals, or their habitats determined to be threatened or endangered. The BLM may require modifications to exploration and development proposals to further its conservation and management objective to avoid activities it has approved that would contribute to the need to list such a species or designate critical habitat for listed species. The BLM will not approve any activity that may affect any such species or critical habitat until it completes its obligations under applicable requirements of the ESA, as amended (16 United States Code [USC] 1531 et seq.), including completing any required procedure for conference or consultation.

Lease Notice 3: Reclamation of Land Used for Permitted Activities

In accordance with Onshore Order 1, permittees must submit a plan for the surface reclamation or stabilization of all disturbed areas. Prior to final abandonment, land used for infrastructure—including, but not limited to, well pads, production facilities, access roads, pipelines, and airstrips—shall be reclaimed to ensure eventual return of ecosystem function. The BLM may grant exceptions to satisfy stated environmental purposes or community needs.

Lease Notice 4: Compliance with Marine Mammal Protection Act

The lease area and/or potential project areas may now or hereafter contain marine mammals. The BLM may require modifications to exploration and development proposals to ensure compliance with Federal laws, including the Marine Mammal Protection Act (MMPA). The BLM would not approve any exploration or development activity absent documentation of compliance under the MMPA. Such documentation shall consist of a Letter of Authorization, Incidental Harassment Authorization, and/or written communication from USFWS and/or NMFS confirming that a take authorization is not warranted.

EXHIBIT D

BIDDER FORM AND ENVELOPE

Bidders are **strongly urged** to use the attached formats for the bid form and envelope. A blank bid form is provided which may be copied and filled in.

Additional Information:

- 1. Name of bidding entity, official address, Tract Number.**
- 2. Use large boldface type-style, such as Times New Roman Bold - 12 pt.**
- 3. A statement must be included on the bid form acknowledging that the bidder(s) understand that they are legally required to comply with all applicable regulations.**
- 4. Amount Bid must be in whole dollar figure.**
- 5. Indicate “Amount of payment submitted with bid” (right column).**
- 6. Proportional interest of joint bids must not exceed 5 decimal places; total must always equal 100%. There is no limit to the number of joint bidders that may participate.**
- 7. Type Signer’s name under signature; each joint bidder must sign.**

SAMPLE BID FORM

Bureau of Land Management
 Alaska State Office
 222 W. 7th Avenue, #13
 Anchorage, Alaska 99513-7504

NPR-A Oil and Gas Lease Sale 2026
 Date of Sale: _____
 Bid Submitter: _____

NPR-A OIL AND GAS LEASE BID

It is understood that this bid legally binds the bidder(s) to comply with the regulations in Title 43 Code of Federal Regulations Subpart 3132, other applicable regulations, and requirements of the Detailed Statement of Sale.

The following bid is submitted for an oil and gas lease for the tract specified below:

Tract Number	Amount Bid	Amount of Payment Submitted with Bid
--------------	------------	--------------------------------------

_____	_____	\$ _____
-------	-------	----------

Bidder Name	Percent Interest	Name(s), Address(es), and Signature(s)
-------------	------------------	--

_____	_____	
-------	-------	--

By: _____

_____	_____	
-------	-------	--

By: _____

_____	_____	
-------	-------	--

By: _____

TOTAL:	_____	
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SAMPLE OF BID FORM

Bureau of Land Management
 Alaska State Office
 222 W. 7th Avenue, #13
 Anchorage, Alaska 99513-7504

NPR-A Oil and Gas Lease Sale 2026
 Date of Sale: _____
 Bid Submitter: Let's Explore

NPR-A OIL AND GAS LEASE BID

It is understood that this bid legally binds the bidder(s) to comply with the regulations in Title 43 Code of Federal Regulations Subpart 3132, other applicable regulations, and requirements of the Detailed Statement of Sale.

The following bid is submitted for an oil and gas lease on the tract specified below:

Tract Number	Amount Bid	Amount of Payment Submitted with Bid
<u>2026-X-XXX</u>	<u>\$6,157,623</u>	<u>\$1,231,524.60</u>
Bidder Name	Percent Interest	Name(s), Address(es), and Signature(s)
<u>Explorer LTD.</u>	<u>33.33</u>	<u>Explorer LTD</u> <u>Box 123456</u> <u>Dime Box, Texas 12345</u>
		By: <u>(signature)</u> <u>I. W. In</u> <u>Vice President</u>
<u>Oil Musher's Inc.</u>	<u>33.33</u>	<u>Oil Musher's Inc.</u> <u>General Delivery</u> <u>Cicely, Alaska 99000</u>
		By: <u>(signature)</u> <u>M. E. Too, II</u> <u>Attorney-in-Fact</u>
<u>Let's Explore</u>	<u>33.34</u>	<u>Let's Explore</u> <u>246 Muskeg Lane</u> <u>Anchorage, Alaska 99000</u>
		By: <u>(signature)</u> <u>I. Al So</u> <u>President</u>
TOTAL:	<u>100.00</u>	

Sample Bid Envelope

1. Use standard size envelopes not to exceed 4-1/2" x 10-1/2" when submitting bids.
2. Use large boldface type, such as Times New Roman Bold - 12 pt.

Let's Explore

Tract No.

**SEALED BID FOR NPR-A OIL AND GAS LEASE SALE 2026
NOT TO BE OPENED UNTIL 10:00am, March 18, 2026**

EXHIBIT E

BIDDER CONTACT FORM

United States Department of the Interior
Bureau of Land Management
Alaska State Office
222 W. 7th Avenue, #13
Anchorage, AK 99513-7504

Bidder Contact Form
NPR-A Oil and Gas Lease Sale

Bidder Name: _____
(Bidder submitting bids)

Signature: _____

Title _____

Area Code - Phone Number _____

Date _____

I. Payments and Refunds

Indicate below the contact for notification of bid acceptance and payment instructions for the 1/5th bonus and first year rental amounts (please also indicate an alternate):

(Name) (Alternate)

(Company or Bidder)

(Area Code - Phone Number)

(Area Code - Fax Number)

II. Deliver Leases to: (Federal Express requires Street Address and Zip Code)

(Company/Bidder)

(Street)

(City) (State) (Zip)

(Attention)

(Area Code - Phone Number)

III. Return of Unsuccessful Checks

The bid deposit check or checks for unsuccessful bids will be returned to only one bidder within a bidding combine. Indicate preferred method of delivery:

Pick-up at Alaska State Office

(Individual Authorized to Pick up Checks)

(Company/Bidder)

(Area Code - Phone Number)

Mail to: (Federal Express requires Street Address and Zip Code)

(Company/Bidder)

(Street)

(City) (State) (Zip)

(Attention)

(Area Code - Phone Number)

IV. Return of Deposit for Rejected Bids

All refunds for rejected bids will be made to only one bidder within a bidding combine. Indicate in which manner you would like these refunds returned.

Mail **Pick-up at Alaska State Office**

(Name of Authorized Individual)

(Address)

(City) (State) (Zip)

(Phone Number)

EXHIBIT F

Oil and Gas Lease Bond Form 3000-4

Form 3000-4
(January 2020)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Bond Number

OIL AND GAS OR GEOTHERMAL LEASE BOND

ACT OF FEBRUARY 25, 1920 (30 U.S.C. 181 ET SEQ.)
ACT OF AUGUST 7, 1947 (30 U.S.C. 351-359)
DEPARTMENT OF THE INTERIOR APPROPRIATIONS ACT, FY 1981 (42 U.S.C. 6508)
ACT OF DECEMBER 24, 1970 (30 U.S.C. 1001-1025)
SECTION 20001 OF THE TAX CUT AND JOBS ACT OF DECEMBER 22, 2017 (16 U.S.C. 3143)
OTHER OIL AND GAS AND GEOTHERMAL LEASING AUTHORITIES AS APPLICABLE

Lease Serial Number (For Individual Bond Only)

CHECK ONE OIL AND GAS GEOTHERMAL RESOURCES

CHECK ONE

SURETY BOND

KNOW ALL BY THESE PRESENTS, That _____ (name)

of _____ (address)

as principal, and _____ (name)

of _____ (address), as surety,

are held and firmly bound unto the United States of America in the sum of _____ dollars (\$ _____),

lawful money of the United States, which may be increased or decreased by a rider hereto executed in the same manner as this bond.

PERSONAL BOND

KNOW ALL BY THESE PRESENTS, That _____ (name)

of _____ (address), as principal, is held and firmly

bound unto the United States of America in the sum of _____

_____ dollars (\$ _____), lawful money of the United States which sum may be increased or decreased by a rider hereto executed in the same manner as this bond.

The principal, in order to more fully secure the United States in the payment of the aforesaid sum, hereby pledges as security therefore United States negotiable securities of a par value equal to the amount specified. The principal, pursuant to the authority conferred by Section 1 of the Act of September 13, 1982 (31 U.S.C. 9303), does hereby constitute and appoint the Secretary of the Interior to act as his attorney. The interest accruing on the United States securities deposited, in the absence of any default in the performance of any of the conditions, or stipulations set forth in this bond and the instrument(s) granting rights and interests in Federal lands, must be paid to the principal. The principal hereby for himself/herself, any heirs, executors, administrators, successors, and assigns, joint and severally, ratifies and confirms whatever the Secretary shall do by virtue of these presents.

The principal/surety shall apply this bond or the Secretary shall transfer this deposit as security for the faithful performance of any and all of the conditions and stipulations as set forth in this bond and the instruments granting rights and interests in Federal lands. In the case of any default in the performance of the conditions and stipulations of such undertaking, it is agreed that: (1) for a Surety Bond, the surety/principal shall apply the bond or any portion thereof; (2) for a Personal Bond, the Secretary shall have full power to assign, appropriate, apply or transfer the deposit or any portion thereof, to the satisfaction of any damages, assessments, late payment charges, penalties, or deficiencies arising by reason of such default.

This bond is required for the use and benefit of (1) the United States; (2) any lessee, permittee, or contractor, under a lease, permit, or resource sale contract issued, or to be issued, by the United States covering the same land subject to this bond, covering the use of the surface or the prospecting for, or the development of other mineral deposits in any portion of such land, to be paid to the United States. For such payment, well and truly to be made, we bind ourselves and each of our heirs, executors, administrators, successors, and assigns, jointly and severally.

This bond shall cover all surface disturbing activities related to drilling operations on a Federal leasehold(s) in accordance with authorization(s) granted under the Acts cited above for:

CHECK ONE

NATIONWIDE BOND — Operations conducted by or on behalf of the principal(s) or on the leasehold(s) of the principal(s) in the United States including the Coastal Plain or the National Petroleum Reserve in Alaska (NPR-A) when a rider sufficient to bring the amount in conformance with 43 CFR 3134 is provided, and provided a rider is obtained, also coverage of multiple exploration operations.

STATEWIDE BOND — Operations conducted by or on behalf of the principal(s) or on the leasehold(s) of the principal(s), except the NPR-A, and, provided a rider is obtained, also coverage of multiple exploration operations within the single state of _____.

INDIVIDUAL BOND — Operations conducted by or on behalf of the principal or on the leasehold of the principal on the single lease identified by the serial number above.

NATIONAL PETROLEUM RESERVE IN ALASKA (NPR-A) BOND OR COASTAL PLAIN (CP) BOND - This bond shall cover:

NPR-A LEASE BOND CP LEASE BOND — The terms and conditions of a single lease.

NPR-A WIDE BOND CP WIDE BOND — The terms and conditions of all leases, and provided a rider is obtained, coverage of multiple exploration operations.

BOND CONDITIONS

The conditions of the foregoing obligations are such that:

- 1. WHEREAS the principal has an interest in a lease(s) and/or responsibility for operations on a lease(s) issued under the Acts cited in this bond; and
2. WHEREAS the principal and surety agree(s) that with notice to the surety the coverage of this bond, in addition to the present holding(s) of and/or authorization(s) granted to the principal, shall extend to and include:
a. Any lease(s) hereafter issued to or acquired by the obligor/principal, except under individual lease bonds, the coverage is to be confined to the principal's holding(s) and/or authorization(s) granted under the Acts cited in this bond, and to become effective immediately upon such authorization, approval or issuance of a transfer in favor of the principal; and
b. Any transfer(s) of operating rights hereafter entered into or acquired by the principal affecting lease(s); and
c. Any activity subsequent hereto of the principal as operator under a lease(s) issued pursuant to the Acts cited in this bond; and

Provided, That the surety may elect to terminate the additional coverage authorized under this paragraph. Such termination will become effective 30 days after the BLM receives notice of the election to terminate. After the termination becomes effective, the additional interest(s) identified in this paragraph will not be covered by this bond; and

- 3. WHEREAS the principal and surety agree(s) that with notice to the surety that this bond shall remain in full force and effect notwithstanding: Any assignment(s) of an undivided interest in any part or all of the lands in the lease(s) in which event the assignee(s) shall be considered to be coprincipal(s) on an individual, CP or NPR-A bond as fully and to the same extent as though his/her or their duly, authenticated signatures appeared thereon; and
4. WHEREAS the obligor/surety hereby waives any right to notice of, and agrees that this bond shall remain in full force and effect notwithstanding:
a. Any assignment(s) of 100% of some of the lands described in the lease(s), the bond to remain in full force and effect only as to the lands retained in the lease(s); and
b. Any transfer(s) either in whole or in part, of any or all of the operating rights and further agrees to remain bound under this bond as to the interests in the operating rights retained by the principal; and
c. Any modification of a lease or operating right, or obligation thereunder, whether made or effected by commitment of lease or operating right to unit, co-

operative, communitization or storage agreements, or development contracts, suspensions of operations or production, waivers, suspensions or changes in rental, minimum royalty and royalties, compensatory royalty payments, or otherwise; and

d. Any extension of a lease(s) covered by this bond, such coverage to continue without any interruption due to the expiration of the term set forth in the lease(s); and

- 5. WHEREAS the principal and surety hereby agree(s) that notwithstanding the termination, expiration, cancellation or relinquishment of any lease(s), whether by operation of law or otherwise, the bond shall remain in full force and effect as to the terms and conditions of all remaining leases and obligations covered by the bond; and
6. WHEREAS the principal, as to any lease or part of a lease for land on which he/ she is the operator, in consideration of being permitted to furnish this bond in lieu of the lessee(s) or operating rights owner(s), agrees and by these presents does hereby bind himself/herself to fulfill on behalf of each lessee or operating rights owner all obligations of such for the entire leasehold in the same manner and to the same extent as though he/she were lessee or operating rights owner; and
7. WHEREAS the obligor/principal and surety agree(s) that the neglect or forbearance of said lessor in enforcing, as against any responsible party, the payment of rentals or royalties or the performance of any other term or condition of the lease(s) shall not, in any way, release the principal and surety, or either of them from any liability under this bond; and
8. WHEREAS the principal and surety agree(s) that in the event of any default under the lease(s) the lessor may commence and prosecute any claim, suit, or other proceeding against the principal and surety or either of them, without the necessity of joining the lessee(s); and
9. WHEREAS if the principal fails to comply with any provisions of an oil and gas lease, and the noncompliance continues for thirty (30) days after written notice thereof, such lease shall be subject to cancellation and the principal shall also be subject to applicable provisions and penalties of the Federal Oil and Gas Royalty Management Act (30 U.S.C. 1701 et seq.) or the Federal Onshore Oil and Gas Leasing Reform Act. This provision shall not be construed to prevent the exercise by the United States of any other legal and equitable remedy, including waiver of the default.
10. NOW, THEREFORE If said principal, his/her heirs, executors, administrators, successors, or assigns shall in all respects faithfully comply with all of the provisions of the instrument(s) granting rights and interests in Federal lands referred to above, then the obligations are to be void; otherwise to remain in full force and effect.

Signed this _____ day of _____, 20____, in the presence of:

NAMES AND ADDRESSES OF WITNESSES

_____, (L.S.)
(Principal)
_____,
(Business Address)
_____, (L.S.)
(Surety)
_____,
(Business Address)

If this bond is executed by a corporation, it must bear the seal of that corporation.

EXHIBIT G

Geophysical Exploration Rider Form For use with NPR-A

**U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ALASKA STATE OFFICE – ANCHORAGE, ALASKA**

**NATIONAL PETROLEUM RESERVE-ALASKA WIDE
OIL AND GAS LEASE BOND
GEOPHYSICAL EXPLORATION RIDER**

**Department of the Interior Appropriations Act, Fiscal Year 1981 (P.L. 96-514)
Other Oil and Gas Leasing Authorities as Applicable**

=====
Coverage under National Petroleum Reserve-Alaska Oil and Gas Lease Bond, which has been assigned Serial Number _____, or which is being filed concurrently with this rider in the Alaska State Office of the Bureau of Land Management, is hereby extended to include oil and gas exploration operations as prescribed by the regulations at 43 CFR 3152.
=====

Signed this _____ day of _____, 20__ in the presence of:

NAMES AND ADDRESSES OF WITNESSES:

(Signature of Witness)

(Signature of Principal)

(Address)

(Business Address)

(Signature of Witness)

(Signature of Surety)

(Address)

(Business Address)
=====

EXHIBIT H

**Sample Lease Form
AK-3130-1**

Form 3000-4
(January 2020)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Bond Number

OIL AND GAS OR GEOTHERMAL LEASE BOND

ACT OF FEBRUARY 25, 1920 (30 U.S.C. 181 ET SEQ.)
ACT OF AUGUST 7, 1947 (30 U.S.C. 351-359)
DEPARTMENT OF THE INTERIOR APPROPRIATIONS ACT, FY 1981 (42 U.S.C. 6508)
ACT OF DECEMBER 24, 1970 (30 U.S.C. 1001-1025)
SECTION 20001 OF THE TAX CUT AND JOBS ACT OF DECEMBER 22, 2017 (16 U.S.C. 3143)
OTHER OIL AND GAS AND GEOTHERMAL LEASING AUTHORITIES AS APPLICABLE

Lease Serial Number (For Individual Bond Only)

CHECK ONE OIL AND GAS GEOTHERMAL RESOURCES

CHECK ONE

SURETY BOND

KNOW ALL BY THESE PRESENTS, That _____ (name)

of _____ (address)

as principal, and _____ (name)

of _____ (address), as surety,

are held and firmly bound unto the United States of America in the sum of _____ dollars (\$ _____),

lawful money of the United States, which may be increased or decreased by a rider hereto executed in the same manner as this bond.

PERSONAL BOND

KNOW ALL BY THESE PRESENTS, That _____ (name)

of _____ (address), as principal, is held and firmly

bound unto the United States of America in the sum of _____

_____ dollars (\$ _____), lawful money of the United States which sum may be increased or decreased by a rider hereto executed in the same manner as this bond.

The principal, in order to more fully secure the United States in the payment of the aforesaid sum, hereby pledges as security therefore United States negotiable securities of a par value equal to the amount specified. The principal, pursuant to the authority conferred by Section 1 of the Act of September 13, 1982 (31 U.S.C. 9303), does hereby constitute and appoint the Secretary of the Interior to act as his attorney. The interest accruing on the United States securities deposited, in the absence of any default in the performance of any of the conditions, or stipulations set forth in this bond and the instrument(s) granting rights and interests in Federal lands, must be paid to the principal. The principal hereby for himself/herself, any heirs, executors, administrators, successors, and assigns, joint and severally, ratifies and confirms whatever the Secretary shall do by virtue of these presents.

The principal/surety shall apply this bond or the Secretary shall transfer this deposit as security for the faithful performance of any and all of the conditions and stipulations as set forth in this bond and the instruments granting rights and interests in Federal lands. In the case of any default in the performance of the conditions and stipulations of such undertaking, it is agreed that: (1) for a Surety Bond, the surety/principal shall apply the bond or any portion thereof; (2) for a Personal Bond, the Secretary shall have full power to assign, appropriate, apply or transfer the deposit or any portion thereof, to the satisfaction of any damages, assessments, late payment charges, penalties, or deficiencies arising by reason of such default.

This bond is required for the use and benefit of (1) the United States; (2) any lessee, permittee, or contractor, under a lease, permit, or resource sale contract issued, or to be issued, by the United States covering the same land subject to this bond, covering the use of the surface or the prospecting for, or the development of other mineral deposits in any portion of such land, to be paid to the United States. For such payment, well and truly to be made, we bind ourselves and each of our heirs, executors, administrators, successors, and assigns, jointly and severally.

This bond shall cover all surface disturbing activities related to drilling operations on a Federal leasehold(s) in accordance with authorization(s) granted under the Acts cited above for:

CHECK ONE

NATIONWIDE BOND — Operations conducted by or on behalf of the principal(s) or on the leasehold(s) of the principal(s) in the United States including the Coastal Plain or the National Petroleum Reserve in Alaska (NPR-A) when a rider sufficient to bring the amount in conformance with 43 CFR 3134 is provided, and provided a rider is obtained, also coverage of multiple exploration operations.

STATEWIDE BOND — Operations conducted by or on behalf of the principal(s) or on the leasehold(s) of the principal(s), except the NPR-A, and, provided a rider is obtained, also coverage of multiple exploration operations within the single state of _____.

INDIVIDUAL BOND — Operations conducted by or on behalf of the principal or on the leasehold of the principal on the single lease identified by the serial number above.

NATIONAL PETROLEUM RESERVE IN ALASKA (NPR-A) BOND OR COASTAL PLAIN (CP) BOND - This bond shall cover:

NPR-A LEASE BOND CP LEASE BOND — The terms and conditions of a single lease.

NPR-A WIDE BOND CP WIDE BOND — The terms and conditions of all leases, and provided a rider is obtained, coverage of multiple exploration operations.

BOND CONDITIONS

The conditions of the foregoing obligations are such that:

- 1. WHEREAS the principal has an interest in a lease(s) and/or responsibility for operations on a lease(s) issued under the Acts cited in this bond; and
2. WHEREAS the principal and surety agree(s) that with notice to the surety the coverage of this bond, in addition to the present holding(s) of and/or authorization(s) granted to the principal, shall extend to and include:
a. Any lease(s) hereafter issued to or acquired by the obligor/principal, except under individual lease bonds, the coverage is to be confined to the principal's holding(s) and/or authorization(s) granted under the Acts cited in this bond, and to become effective immediately upon such authorization, approval or issuance of a transfer in favor of the principal; and
b. Any transfer(s) of operating rights hereafter entered into or acquired by the principal affecting lease(s); and
c. Any activity subsequent hereto of the principal as operator under a lease(s) issued pursuant to the Acts cited in this bond; and

Provided, That the surety may elect to terminate the additional coverage authorized under this paragraph. Such termination will become effective 30 days after the BLM receives notice of the election to terminate. After the termination becomes effective, the additional interest(s) identified in this paragraph will not be covered by this bond; and

- 3. WHEREAS the principal and surety agree(s) that with notice to the surety that this bond shall remain in full force and effect notwithstanding: Any assignment(s) of an undivided interest in any part or all of the lands in the lease(s) in which event the assignee(s) shall be considered to be coprincipal(s) on an individual, CP or NPR-A bond as fully and to the same extent as though his/her or their duly, authenticated signatures appeared thereon; and
4. WHEREAS the obligor/surety hereby waives any right to notice of, and agrees that this bond shall remain in full force and effect notwithstanding:
a. Any assignment(s) of 100% of some of the lands described in the lease(s), the bond to remain in full force and effect only as to the lands retained in the lease(s); and
b. Any transfer(s) either in whole or in part, of any or all of the operating rights and further agrees to remain bound under this bond as to the interests in the operating rights retained by the principal; and
c. Any modification of a lease or operating right, or obligation thereunder, whether made or effected by commitment of lease or operating right to unit, co-

operative, communitization or storage agreements, or development contracts, suspensions of operations or production, waivers, suspensions or changes in rental, minimum royalty and royalties, compensatory royalty payments, or otherwise; and

d. Any extension of a lease(s) covered by this bond, such coverage to continue without any interruption due to the expiration of the term set forth in the lease(s); and

- 5. WHEREAS the principal and surety hereby agree(s) that notwithstanding the termination, expiration, cancellation or relinquishment of any lease(s), whether by operation of law or otherwise, the bond shall remain in full force and effect as to the terms and conditions of all remaining leases and obligations covered by the bond; and
6. WHEREAS the principal, as to any lease or part of a lease for land on which he/ she is the operator, in consideration of being permitted to furnish this bond in lieu of the lessee(s) or operating rights owner(s), agrees and by these presents does hereby bind himself/herself to fulfill on behalf of each lessee or operating rights owner all obligations of such for the entire leasehold in the same manner and to the same extent as though he/she were lessee or operating rights owner; and
7. WHEREAS the obligor/principal and surety agree(s) that the neglect or forbearance of said lessor in enforcing, as against any responsible party, the payment of rentals or royalties or the performance of any other term or condition of the lease(s) shall not, in any way, release the principal and surety, or either of them from any liability under this bond; and
8. WHEREAS the principal and surety agree(s) that in the event of any default under the lease(s) the lessor may commence and prosecute any claim, suit, or other proceeding against the principal and surety or either of them, without the necessity of joining the lessee(s); and
9. WHEREAS if the principal fails to comply with any provisions of an oil and gas lease, and the noncompliance continues for thirty (30) days after written notice thereof, such lease shall be subject to cancellation and the principal shall also be subject to applicable provisions and penalties of the Federal Oil and Gas Royalty Management Act (30 U.S.C. 1701 et seq.) or the Federal Onshore Oil and Gas Leasing Reform Act. This provision shall not be construed to prevent the exercise by the United States of any other legal and equitable remedy, including waiver of the default.
10. NOW, THEREFORE If said principal, his/her heirs, executors, administrators, successors, or assigns shall in all respects faithfully comply with all of the provisions of the instrument(s) granting rights and interests in Federal lands referred to above, then the obligations are to be void; otherwise to remain in full force and effect.

Signed this _____ day of _____, 20____, in the presence of:

NAMES AND ADDRESSES OF WITNESSES

_____, (L.S.)
(Principal)
_____,
(Business Address)
_____, (L.S.)
(Surety)
_____,
(Business Address)

If this bond is executed by a corporation, it must bear the seal of that corporation.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Serial Number

LEASE FOR OIL AND GAS

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

READ INSTRUCTIONS BEFORE COMPLETING

- Name
Street
City, State, Zip Code
- This application for lease is for: (Check only one) PUBLIC DOMAIN LANDS ACQUIRED LANDS (percent U.S. interest _____)
Surface managing agency if other than Bureau of Land Management (BLM): _____ Unit/Project _____
Legal description of land requested: *Parcel No.: _____ *Sale Date (mm/dd/yyyy): _____
T. R. Meridian State County

Amount remitted: Filing fee \$ _____ Rental fee \$ _____ Total \$ _____
 Total acres applied for _____

DO NOT WRITE BELOW THIS LINE

- Land included in lease:
T. R. Meridian State County

Total acres in lease _____
 Rental retained \$ _____

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

For a competitive lease, this lease is issued to the high bidder pursuant to the highest bidder's duly executed bid form submitted under 43 CFR 3120 and is subject to the provisions of that bid and those specified on this form.

Type and primary term of lease: THE UNITED STATES OF AMERICA
 Noncompetitive lease (ten years) by _____ (BLM)
 Competitive lease (ten years) _____ (Title) _____ (Date)
 Other _____ EFFECTIVE DATE OF LEASE _____

4. (a) Undersigned certifies that the lessee will comply with the Department of the Interior's nonprocurement debarment and suspension regulations as required by 2 CFR 1400 subpart B and will communicate the requirement to comply with these regulations to persons with whom it does business related to this lease by including this term in its contracts and transactions.

(b) For leases that may be issued as a result of the Mineral Leasing Act (MLA) of 1920, the undersigned certifies that: (1) the lessee is a citizen of the United States; an association (including partnerships and trusts) of such citizens; a municipality; or a corporation organized under the laws of the United States or of any State or Territory thereof; (2) all parties holding an interest in the lease are in compliance with 43 CFR parts 3000 and 3100 and the leasing authorities cited herein; (3) they are in compliance with the acreage limitation requirements wherein the bidder's/lessee's chargeable interests, direct and indirect, in each public domain and acquired lands separately in the same State, do not exceed 246,080 acres in oil and gas leases (of which up to 200,000 acres may be in oil and gas options, or 300,000 acres in leases in each leasing District in Alaska of which up to 200,000 acres may be in options); (4) the lessee is not considered a minor under the laws of the State in which the lands covered by this lease are located; (5) the lessee is in compliance with qualifications concerning Federal coal lease holdings provided in sec. 2(a)(2)(A) of the MLA (Title 30 U.S.C. 201(a)(2)(A)); (6) the lessee is in compliance with reclamation requirements for all Federal oil and gas lease holdings as required by sec. 17(g) of the MLA (Title 30 U.S.C. 226(g)); and (7) the lessee is not in violation of sec. 41 of the MLA (Title 30 U.S.C. 195)).

(c) For leases that may be issued as a result of this sale under the Department of the Interior Appropriations Act of 1981, the undersigned must: (1) be a citizen or national of the United States; a citizen of another country lawfully admitted for permanent residence; a private, public or municipal corporation organized under the laws of the United States or of any State or Territory thereof; an association (including partnerships and trusts) of such citizens, nationals, resident citizens of another country or private, public or municipal corporations; and (2) certify that all parties in interest are in compliance with 43 CFR part 3130 and the leasing authority cited herein.

(d) Undersigned agrees that signature to this lease constitutes acceptance of this lease, including all terms, conditions, and stipulations of which the lessee has been given notice, and any amendment or separate lease that may include any land described in this lease open to leasing at the time this lease was filed but omitted for any reason from this lease.

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

Duly executed this _____ day of _____, 20____ _____ (Signature of Lessee or Attorney-in-fact)

(Name of President of Company) _____ (Name of Vice President of Company) See attachment for additional principals

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

LEASE TERMS

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

- (a) Noncompetitive lease, \$3.00 for the first 2 years; \$5.00 for years 3 through 8; thereafter \$15.00;
- (b) Competitive lease, \$3.00 for the first 2 years; \$5.00 for years 3 through 8; thereafter \$15.00;
- (c) Other, see attachment; or as specified in regulations at the time this lease is issued.

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

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

suspended by the Secretary upon a sufficient showing by lessee.

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

- (a) Noncompetitive lease, 12.5%;
- (b) Competitive lease, 12.5%;
- (c) Other, see attachment; or as specified in regulations at the time this lease is issued.

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

beyond the reasonable control of lessee.

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

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

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

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

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

or, if an audit or investigation is underway, until released of the obligation to maintain such records by lessor.

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

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

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

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

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

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

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

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

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

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

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

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

INSTRUCTIONS

A. General:

1. Page 1 of this form is to be completed only by parties applying for a noncompetitive lease. The information in Item 2 is already provided to you in the BLM's Notice of Competitive Lease Sale. The BLM will complete page 1 of the form for all other types of leases.
2. Entries must be typed or printed plainly.
3. An application must be filed in the proper BLM State Office. Refer to 43 CFR 1821 for office locations.
4. If more space is needed, additional sheets must be attached to the form submitted.

B. Special:

Item 1 – Enter applicant's name and mailing address.

Item 2 – Identify the mineral status and, if acquired lands, percentage of Federal ownership of applied for minerals. Indicate the agency controlling the surface of the land and the name of the unit or project which the land is a part. The same application may not include both Public Domain and Acquired lands. The description of land must conform to 43 CFR 3110. A single parcel number, Sale Date, and a legal land description must exactly match the land description of a parcel that was offered in the Notice of Competitive Lease Sale.

Payments: To submit payment, reach out to the appropriate State Office to submit your payment electronically to the BLM. The amount remitted must include the filing fee and the first year's rental at the rate of \$3.00 per acre or fraction thereof. The full rental based on the total acreage applied for must accompany an application even if the mineral interest of the United States is less than 100 percent. The filing fee will be retained as a service charge even if the application is completely rejected or withdrawn. To protect priority, it is important that the rental submitted be sufficient to cover all the land requested. If the offer is withdrawn or rejected in whole or in part before a lease issues, the rental remitted for the parts withdrawn or rejected will be returned.

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

NOTICES

This form is exempt from the Paperwork Reduction Act of 1995 (P.L. 104-13) under 5 CFR 1320.3(h)(1).

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

AUTHORITY: 30 U.S.C. 181 et seq.; 30 U.S.C 351-359; 42 U.S.C. 6508.

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

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

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