

LEASE TERMS

SECTION 1. Rights of lessee.—The lessee is granted the exclusive right and privilege to drill for, mine, extract, remove, and dispose of all the oil and gas deposits, except helium gas, in the lands leased, together with the right to construct and maintain thereupon, all works, buildings, plants, waterways, roads, telegraph or telephone lines, pipelines, reservoirs, tanks, pumping stations, or other structures necessary to the full enjoyment thereof, for a period of 5 years, and so long thereafter as oil or gas is produced in paying quantities; subject to any unit agreement heretofore or hereafter approved by the Secretary of the Interior, the provisions of said agreement to govern the lands subject thereto where inconsistent with the terms of this lease.

Sec. 2. The lessee agrees:

(a) **Bonds.**—(1) To maintain any bond furnished by the lessee as a condition for the issuance of this lease. (2) To furnish a bond in a sum double the amount of \$1 per acre annual rental, but not less than \$1,000 nor more than \$5,000, upon the inclusion of any part of the leased land within the known geologic structure of a producing oil or gas field. (3) To furnish prior to beginning of drilling operations and maintain at all times thereafter as required by the lessor a bond in the penal sum of \$5,000 with approved corporate surety, or with bonds of United States bonds as surety therefor conditioned upon compliance with the terms of this lease, unless a bond in that amount is already being maintained or unless a bond furnished by the operator of the lease is accepted. (4) Until a mineral lease bond is filed to furnish and maintain a bond in the penal sum of not less than \$1,000 in those cases in which a bond is required by law for the protection of the owners of surface rights. (5) In all other cases where a bond is not otherwise required, to furnish not less than 90 days before the due date of the next unpaid annual rental, a \$1,000 bond conditioned on compliance with the lease obligations, but this requirement may be successively dispensed with by payment of each successive annual rental not less than 90 days prior to its due date. In lieu of any of the bonds described herein, the lessee may file such other bond as the regulations may permit.

(b) **Cooperative or unit plan.**—Within 30 days of demand, or, if the leased land is committed to an approved unit or cooperative plan and such plan is terminated prior to the expiration of this lease, within 30 days of demand made thereafter, to subscribe to and to operate under such reasonable cooperative or unit plan for the development and operation of the area, field, or pool, or part thereof, embracing the lands included herein as the Secretary of the Interior may then determine to be practicable and, necessary or advisable, which plan shall adequately protect the rights of all parties in interest, including the United States.

(c) **Wells.**—(1) To drill and produce all wells necessary to protect the leased land from drainage by wells on lands not the property of the lessor, or lands of the United States leased at a lower royalty rate, or as to which the royalties and rentals are paid into different funds than are those of this lease; or in lieu of any part of such drilling and production, with the consent of the Director of the Geological Survey, to compensate the lessor in full each month for the estimated loss of royalty through drainage in the amount determined by said Director; (2) at the election of the lessee, to drill and produce other wells in conformity with unit or system, or spacing or production allotments affecting the field or area in which the leased lands are situated, which is authorized and sanctioned by applicable law or by the Secretary of the Interior; and (3) promptly after due notice in writing to drill and produce such other wells as the Secretary of the Interior may reasonably require in order that the leased premises may be properly and timely developed and produced in accordance with good operating practice.

(d) **Rentals and royalties.**—(1) To pay rentals and royalties in amount or value of production removed or sold from the leased lands as follows:

Rentals.—To pay the lessor in advance an annual rental at the following rates:

- (a) If the lands are wholly outside the known geologic structure of a producing oil or gas field:
 - (i) For the first lease year, a rental of 50 cents per acre or fraction thereof, or if the lands are in Alaska, 25 cents per acre or fraction thereof.
 - (ii) For the second and third lease years, no rental.
 - (iii) For the fourth and fifth years, 25 cents per acre or fraction thereof.
 - (iv) For the sixth and each succeeding year, 50 cents per acre or fraction thereof, or if the lands are in Alaska, 25 cents per acre or fraction thereof.

(b) If the lands are wholly or partly within the known geologic structure of a producing oil or gas field:

- (i) Beginning with the first lease year after 30 days' notice to the lessor, if all or part of the land is included in such a structure and for each year thereafter prior to a discovery of oil or gas on the lands leased, \$1 per acre or fraction thereof.
- (ii) If this lease is committed to an approved cooperative or unit plan which includes a well capable of producing oil or gas and contains a general provision for allocation of production, the rental prescribed for the respective lease years in subparagraph (a) of this section, shall apply to the acreage not within a participating area, except that the rental for the second and the third lease years for such acreage shall be 25 cents per acre or fraction thereof.

Minimum royalty.—Commencing with the lease year beginning on or after a discovery on the leased land, to pay the lessor in lieu of rental, a minimum royalty of \$1 per acre or fraction thereof at the expiration of each lease year, or the difference between the actual royalty paid during the year if less than \$1 per acre, and the prescribed minimum royalty of \$1 per acre, provided that if this lease is unitized, the minimum royalty shall be payable only on the participating acreage and rental shall be payable on the nonparticipating acreage as provided in subparagraph (b) (ii) above.

Royalty on production.—To pay the lessor 12½ percent royalty on the production removed or sold from the leased lands computed in accordance with the Oil and Gas Operating Regulations (30 CFR Pt. 221). Provided, however, that if this lease covers lands in Alaska and the lessee drills and makes the first discovery of oil or gas in commercial quantities in any geologic structure, the royalty on production hereunder shall be 5 percent for 10 years following the date of discovery, and thereafter the royalty rate shall be 12½ percent. If this lease is committed to an approved unit or cooperative plan the 5 percent rate herein provided shall, for the purpose of computing royalty due the United States, inure to the benefit of all committed land within the participating area established by reason of such discovery.

(2) It is expressly agreed that the Secretary of the Interior may establish reasonable minimum values for purposes of computing royalty on any or all oil, gas, natural gasoline, and other products obtained from gas, due consideration being given to the highest price paid for a product for a majority of production of like quality in the same field, to the price received by the lessee, to posted prices, and to other relevant matters and, whenever appropriate, after notice and opportunity to be heard.

(3) When paid in value, such royalties on production shall be due and payable monthly on the last day of the calendar month next following the calendar month in which produced. When paid in amount

of production, such royalty products shall be delivered in merchantable condition on the premises where produced without cost to lessor, unless otherwise agreed to by the parties hereto, at such times and in such tanks provided by the lessee as reasonably may be required by the lessor, but in no case shall the lessee be required to hold such royalty oil or other products in storage beyond the last day of the calendar month next following the calendar month in which produced nor by other products in storage from causes over which he has no control.

(4) Rentals or minimum royalties may be waived, suspended or reduced and royalties on the entire leasehold or any portion thereof segregated for royalty purposes may be reduced if the Secretary of the Interior finds that, for the purpose of encouraging the greatest ultimate recovery of oil or gas and in the interest of conservation of natural resources, it is necessary, in his judgment, to do so in order to promote development, or because the lease cannot be successfully operated under the terms fixed herein.

(5) **Payments.**—Unless otherwise directed by the Secretary of the Interior, to make rental, royalty, or other payments to the lessor, to the order of the Treasurer of the United States, such payments to be tendered to the manager of the land office in the district in which the lands are located or to the Director of the Bureau of Land Management if there is no land office in the State in which the lands are located.

(f) **Contracts for disposal of products.**—To file with the Oil and Gas Supervisor of the Geological Survey not later than 30 days after the effective date thereof any contract, or evidence of other arrangement, for the sale or disposal of oil, gas, natural gasoline, and other products of the leased lands. **Provided**, That nothing in any such contract or other arrangement shall be construed as modifying any of the provisions of this lease, including, but not limited to, provisions relating to gas waste, taking royalty in kind, and the method of computing royalties due as based on a minimum valuation and in accordance with the Oil and Gas Operating Regulations.

(g) **Statements, plat and reports.**—At such times and in such form as the lessor may prescribe, to furnish detailed statements showing the amounts and quality of all products removed and sold from the lease, the proceeds therefrom, and the amount used for production purposes or unavoidably lost; a plat showing development work and improvements on the leased lands; and a report with respect to stockholders, investments, depreciation and costs.

(h) **Well records.**—To keep a daily drilling record, a log, and complete information on all well surveys and tests in form acceptable to or prescribed by the lessor of all wells drilled on the leased lands, and an acceptable record of all subsurface investigations affecting said lands, and to furnish them, or copies thereof, to the lessor when required. All information obtained under this paragraph, upon the request of lessor, shall not be open to inspection by the public until the expiration of the lease.

(i) **Inspection.**—To keep open at all reasonable times for the inspection of any duly authorized officer of the Department, the leased premises and all wells, improvements, machinery, and fixtures thereon and all books, accounts, maps and records relative to operations and surveys or investigations on the leased lands or under the lease. All information obtained pursuant to any such inspection, upon the request of the lessor, shall not be open to inspection by the public until the expiration of the lease.

(j) **Diligence, prevention of waste, health and safety of workmen.**—To exercise reasonable diligence in drilling and producing the wells herein provided for unless consent to suspend operations temporarily is granted by the lessor; to carry on all operations in accordance with approved methods and practices as provided in the Oil and Gas Operating Regulations, including rules for the prevention of waste of oil, gas or water or coal measures or other mineral deposits, for conservation of gas energy, for the preservation and conservation of the property for future productive operations, and for the health and safety of workmen and employees; to plug properly and effectively all wells drilled in accordance with the provisions of this lease or any prior lease or permit upon which the right to this lease was predicated before abandoning the same; to carry out at expense of the lessee all reasonable orders of the lessor relative to the matters in this paragraph, and that on failure of the lessor so to do the lessor shall have the right to enter on the property and to accomplish the purpose of such orders at the lessor's cost. **Provided**, That the lessor shall not be held responsible for delays or casualties occasioned by causes beyond lessor's control.

(k) **Taxes and wages, freedom of purchase.**—To pay when due, all taxes lawfully assessed and levied under the laws of the State or the United States upon improvements, oil and gas produced from the lands hereunder, or other rights, property, or assets of the lessee; to accord all workmen and employees complete freedom of purchase, and to pay all wages due workmen and employees at least twice each month in the lawful money of the United States.

(l) **Nondiscrimination.**—Not to discriminate against any employee or applicant for employment because of race, creed, color, or national origin, and to require an identical provision to be included in all subcontracts.

(m) **Assignment of oil and gas lease or interest therein.**—As required by applicable law, to file for approval within 90 days from the date of final execution any instrument of transfer of title of the lease or any interest therein, including assignments of record title, working or overriding interests, operating agreements and subleases, such instrument to take effect upon the final approval by the Director, Bureau of Land Management, as of the first day of the lease month following the date of filing in the proper land office.

(n) **Pipelines to purchase or convey at reasonable rates and without discrimination.**—If any of the land included in this lease is embraced in a reservation or segregated for any particular purpose, to conduct operations thereunder in conformity with such requirements as may be made by the Director, Bureau of Land Management, for the protection and use of the land for the purpose for which it was reserved or segregated, so far as may be consistent with the use of the land for the purpose of this lease, which latter shall be regarded as the dominant use unless otherwise provided herein or separately stipulated.

(o) **Protection of surface, natural resources and improvements.**—To take such reasonable steps as may be needed to prevent operations from unnecessarily: (1) Causing or contributing to soil erosion or damaging any forage and timber growth thereon, (2) polluting the waters of reservoirs, springs, streams or wells, (3) damaging crops, including

forage, timber, or improvements of a surface owner, or (4) damaging range improvements whether owned by the United States or by its grazing permittees or lessees; and upon conclusion of operations, so far as can reasonably be done, to restore the surface to its former condition. The lessor may prescribe the steps to be taken and restoration to be made with respect to lands of the United States and improvements thereon.

(r) **Overriding royalties.**—Not to create overriding royalties in excess of five percent except as otherwise authorized by the regulations.

(s) **Deliver premises in cases of forfeiture.**—To deliver up to the lessor in good order and condition the land leased including all improvements which are necessary for the preservation of producing wells.

Sec. 3. The lessor reserves:

(a) **Easements and rights-of-way.**—The right to permit for joint or several use easements or rights-of-way, including easements in tunnels upon, through, or in the lands leased, occupied, or used as may be necessary or appropriate to the working of the same or of other lands containing the deposits described in the act, and the treatment and shipment of products thereof by or under authority of the Government, its lessees or permittees, and for other public purposes.

(b) **Disposition of surface.**—The right to lease, sell, or otherwise dispose of the surface of the leased lands under existing law or laws hereafter enacted, insofar as said surface is not necessary for the use of the lessee in the extraction and removal of the oil and gas therein, or to dispose of any resource in such lands which will not unreasonably interfere with operations under the lease.

(c) **Minimum price.**—Full power and authority to promulgate and enforce all orders necessary to cause the sale of the production of the leased lands to the United States and to the public at reasonable prices, to protect the interests of the United States, to prevent monopoly, and to safeguard the public welfare.

(d) **Helium.**—Pursuant to section 1 of the act, and section 1 of the act of March 3, 1927 (44 Stat. 1387), as amended, and the right to extract helium from all gas produced under this lease, subject to such rules and regulations as shall be prescribed by the Secretary of the Interior. In case the lessor elects to take the helium the lessor shall deliver all gas containing same, or portion thereof, desired, to the lessor at any point on the leased premises in the manner required by the lessor, for the extraction of the helium in such plant or reduction works for that purpose as the lessor may provide, whereupon the residue shall be returned to the lessor with no substantial delay in the delivery of gas produced from the well to the purchaser thereof. The lessor shall not suffer a diminution of value of the gas from which the helium has been extracted, or loss otherwise, for which he is not reasonably compensated, save for the value of the helium extracted. The lessor further reserves the right to erect, maintain, and operate any and all reduction works and other equipment necessary for the extraction of helium on the premises leased.

(e) **Taking of royalties.**—All rights pursuant to section 36 of the act, to take royalties in amount or in value of production.

(f) **Casing.**—All rights pursuant to section 40 of the act to purchase casing, and lease or operate valuable water wells.

(g) **Fissionable materials.**—Pursuant to the provisions of section 5(b) (7) of the act of August 1, 1946 (60 Stat. 724, 760; 42 U. S. C. 1801, 1805), all uranium, thorium, and other materials determined to be peculiarly essential to the production of fissionable materials, contained in whatever concentration, together with the right of the United States through its authorized agents or representatives at any time to enter upon the land and prospect for, mine and remove the same, making just compensation for any damage or injury occasioned thereby.

Sec. 4. **Drilling and producing restrictions.**—It is agreed that the rate of prospecting and developing and the quantity and rate of production from the lands covered by this lease shall be subject to control in the public interest by the Secretary of the Interior, and in the exercise of his judgment, the Secretary may take into consideration, among other things, Federal laws, State laws and regulations issued thereunder, or lawful agreements among operators regulating either drilling or production or both. After utilization by the Secretary of the Interior, or any person, committee, or State or Federal officer or agency so authorized in the unit plan, may alter or modify from time to time, the rate of prospecting and development and the quantity and rate of production from the lands covered by this lease.

Sec. 5. **Surrender and termination of lease.**—The lessee may surrender this lease or any legal subdivision thereof by filing in the proper land office a written relinquishment, in triplicate, which shall be effective as of the date of filing subject to the continued obligation of the lessee and his surety to make payment of all accrued rentals and royalties and to place all wells on the land to be relinquished in condition for suspension or abandonment in accordance with the applicable lease terms and regulations.

Sec. 6. **Purchase of materials, etc., on termination of lease.**—Upon the expiration of this lease, or the earlier termination thereof pursuant to the last preceding section, the lessee shall have the privilege at any time within a period of 90 days thereafter of removing from the leased premises all machinery, equipment, tools, and materials other than implements used for producing wells. Any materials, tools, appliances, machinery, structures, and equipment subject to removal as above provided, which are allowed to remain on the leased lands shall become the property of the lessor on the expiration of the 90-day period or such extension thereof as may be granted because of adverse climatic conditions throughout said period: **Provided**, That the lessee shall remove any or all of such property where so directed by the lessor.

Sec. 7. **Proceedings in case of default.**—If the lessee shall not comply with any of the provisions of the act or the regulations thereunder or of the lease or make default in the performance or observance of any of the terms hereof and such default shall continue for a period of 30 days after service of written notice thereof by the lessor, this lease may be canceled by the Secretary of the Interior in accordance with section 31 of the act, except that if this lease covers lands known to contain valuable deposits of oil or gas, the lease may be canceled only by judicial proceedings in the manner provided in section 31 of the act; but this provision shall not be construed to prevent the exercise by the lessor of any legal or equitable remedy which the lessor might otherwise have. Upon cancellation of this lease, any casing, material, or equipment determined by the lessor to be necessary for use in plugging or preserving any well drilled on the leased land shall become the property of the lessor. A waiver of any particular cause of forfeiture shall not prevent the cancellation and forfeiture of this lease for any other cause of forfeiture, or for the same cause occurring at any other time.

Sec. 8. **Heirs and successors-in-interest.**—It is further agreed that each obligation hereunder shall extend to and be binding upon, and every benefit hereof shall inure to the heirs, executors, administrators, or assigns of the respective parties hereto.

Sec. 9. **Unlawful interest.**—It is also further agreed that no Member of, or Delegate to, Congress, or Resident Commissioner, after his election or appointment, or either before or after he has qualified, and during his continuance in office, and that no officer, agent, or employee of the Department of the Interior, shall be admitted to any share or part in this lease or derive any benefit that may arise therefrom; and the provisions of section 3741 of the Revised Statutes of the United States, as amended (41 U. S. C. sec. 22), and sections 431, 432, and 433, Title 18, United States Code, relating to contracts, and form a part of this lease so far as the same may be applicable.

INSTRUCTIONS

A. **GENERAL INSTRUCTIONS**

1. This offer must be filled in on a typewriter or printed plainly in ink and must be signed in ink.

2. This form is to be used in offering to lease noncompetitively public domain lands or oil and gas deposits reserved to the United States in disposals of such lands for the purpose of drilling, mining, extracting, removing and disposing of oil and gas deposits, except helium. This form should not be used in offering to lease acquired lands or lands on a known geologic structure of a producing oil or gas field.

3. Offers to lease may be made by individuals 21 years of age or over who are citizens of the United States, and by corporations, partnerships or associations.

4. This offer must be prepared in quintuplicate and filed in the proper land office. The term "filling" means the actual receipt of the offer in the proper land office. If the land is in a State in which there is no land office, the offer must be filed with the Bureau of Land Management, Department of the Interior, Washington 25, D. C. If less than five copies are filed, the offeror will have 15 days from the date of first filing to file the other required copies, failing in which the offer will be rejected and returned to the offeror and will afford no priority.

5. The offeror shall mark one of the copies first filed at the top with the word "original." If that is not done, the manager will so mark one copy. If there is any variation in the land descriptions among the five copies, one marked "original" shall govern as to the lands covered by the lease.

6. If additional space is needed in furnishing any of the required information it should be prepared on additional sheets, initialed and attached and made part of this offer to lease, such additional sheets to be attached to each copy of the form submitted.

7. If any of the land described in item 2 of the offer is open to oil and gas lease filing when the offer is filed but is omitted from the lease for any reason and thereafter becomes available for leasing to the offeror, the original lease will be amended to include the omitted land, unless, before the issuance of the amendment on Form 4-1163 the land office receives the withdrawal of the offer as to such land or an offer is made to receive a separate lease to be filed on Form 4-1163, in which case such separate lease will be issued. If the lease is amended the rental charged and the lease term will be the same as though the added land had been included in the original lease when it was issued.

8. As an incident to the assignment of the whole interest in all or any part of the lease, the lessee may assign the whole interest in all or any part of the offer. As in incident to the assignment of an undivided fractional interest in the whole lease, the lessee may assign an undivided fractional interest in the whole lease. Applications for approval of assignments of an offer must include a statement that the assignee agrees to be bound by the offer to the extent it is assigned and must be signed by the assignee. In other instances assignments of the offer will not be approved prior to the issuance of a lease for the lands or deposits covered by said assignments.

Item 5 (a).—Lessee will indicate whether a citizen by birth or naturalization. If naturalized give date of naturalization, the court in which naturalized, and the certificate number if known. If lessee is a woman, state whether married or single, and if married, the date of marriage and the same facts as to the citizenship of her husband. This information should be supplied on a separate sheet attached to Form 4-1158.

If lessee is a corporation it must show it is qualified with respect to the citizenship provision by filing a copy of its articles of incorporation, and it must furnish a statement showing the percentage of each class of its stock, and the percentage of all of its stock which is owned or controlled by or on behalf of persons whom the corporation knows to be or who the corporation has reason to believe are aliens, or who have addresses outside of the United States, indicating which classes of stock have voting rights. If more than 10 percent of the voting stock or of all of the stock is owned or controlled by or on behalf of such persons, the corporation