

## OIL, GAS AND MINERAL LEASE

THIS AGREEMENT made this 7th

day of

April

19 70

Helen Marie Purse, a widow  
of Denver, ColoradoLessor (whether one or more), and T. S. Pace, 318 Patterson Building, Denver, Colo. 80202  
Lessee, WITNESSETH:

1. Lessor in consideration of ten and more

(\$ 10.00

Dollars

all her right, title and interest in and to the following described land in Weld County, Colorado, to-wit:

in hand paid, of the royalties herein provided, and of the agreement of Lessee herein contained, hereby grants, leases and lets exclusively unto Lessee for the purpose of investigating, exploring, prospecting, drilling and mining for and producing oil, gas, other hydrocarbons and, without restriction to such enumerated minerals, all other minerals whether similar or dissimilar to those particularly specified herein, laying pipe lines, building, telegraph, power, telephone, lines and other structures thereon to produce, save, take care of, treat, transport and own said products, and housing its employees.

Township 3' North, Range 67 West

Section 2: (NE $\frac{1}{4}$ , E $\frac{1}{2}$  of Lots 1, 2, and all of the E $\frac{1}{2}$ SW $\frac{1}{4}$  lying east of the South Platte River; all of the W $\frac{1}{2}$ SE $\frac{1}{4}$  lying west of the Denver Laramie and Northwestern Railroad Company right of way.

Township 4 North, Range 67 West

Section 23: E $\frac{1}{2}$ SE $\frac{1}{4}$ , SW $\frac{1}{4}$ SE $\frac{1}{4}$ Section 25: NW $\frac{1}{4}$ , NW $\frac{1}{4}$ NE $\frac{1}{4}$ Section 26: SE $\frac{1}{4}$ NW $\frac{1}{4}$ , E $\frac{1}{2}$ SW $\frac{1}{4}$ , E $\frac{1}{2}$ 

Section 34: SE $\frac{1}{4}$ NE $\frac{1}{4}$ , all of the NE $\frac{1}{4}$ SE $\frac{1}{4}$  north of the South Platte River

Section 35: N $\frac{1}{2}$ , N $\frac{1}{2}$ S $\frac{1}{2}$ , SE $\frac{1}{4}$ SW $\frac{1}{4}$ , S $\frac{1}{2}$ SE $\frac{1}{4}$ 

XXXXX In addition to the land above described, Lessor hereby grants, leases and lets exclusively unto Lessee to the same extent as if specifically described herein all lands owned or claimed by Lessor which are adjacent, contiguous to or form a part of the lands above particularly described, including all oil, gas, other hydrocarbons and all other minerals underlying lakes, rivers, streams, roads, easements and rights-of-way which traverse or adjoin any of said lands. For rental payment purposes the land included within this lease shall be deemed to contain 1772.00 acres, whether it actually comprises more or less.

2. Subject to the other provisions herein contained, this lease shall be for a term of five (5) years from this date (called "primary term") and as long thereafter as oil, gas, other hydrocarbons, or other mineral is produced from said land hereunder, or drilling or reworking operations are conducted thereon.

3. The royalties to be paid by Lessee are: (a) on oil, one-eighth of that produced and saved from said land, the same to be delivered at the wells, or to the credit of Lessor into the pipe line to which the wells may be connected; Lessee may from time to time purchase any royalty oil in its possession, paying the market price therefor prevailing for the field where produced on the date of purchase; (b) on gas, including casinghead gas or other hydrocarbon substance, produced from said land and sold or used off the premises or in the manufacture of gasoline or other products therefrom, the market value at the well of one-eighth of the gas so sold or used, provided that on gas sold at the wells the royalty shall be one-eighth of the amount realized from such sale; (c) on all other minerals mined and marketed, one-tenth either in kind or value at the well or mine, at Lessee's election, except that on sulfur the royalty shall be fifty cents (50¢) per long ton. Lessee shall have free use of oil, gas, coal, wood and water from said land, except water from Lessor's wells, for all operations hereunder, and the royalty on oil and gas shall be computed after deducting any so used. If a well capable of producing gas in paying quantities is completed on the above described land and is shut in, this lease shall continue in effect for a period of one year from the date such well is shut in. Lessee or any assignee may thereafter, in the manner provided herein for the payment or tender of delay rentals, pay or tender to Lessor as royalty, on or before one year from the date such well is shut in, the sum of \$100.00 per well, and, if such payment or tender is made, this lease shall continue in effect for a further period of one year. In like manner and upon like payments or tenders annually, made on or before each anniversary of the shut-in date of such well, this lease shall continue in effect for successive periods of twelve (12) months each.

4. If operations for drilling are not commenced on said land as hereinafter provided, or before one year from this date, the lease shall then terminate as to both parties, unless on or before such anniversary date Lessee shall pay or tender to Lessor or to the credit of Lessor in

First National

Bank of

Denver, Colorado

and shall continue as the depository for all rentals payable hereunder regardless of changes in ownership of said land or the rentals either by conveyance or by the death or incapacity of Lessor) the sum of One Thousand Seven Hundred Seventy Two & no/100 Dollars

(S. 1,772.00), (herein called rental), which shall cover the privilege of deferring commencement of operations for drilling for a period of twelve (12) months. In like manner and upon like payments or tenders annually the commencement of operations for drilling may be further deferred for successive periods of twelve (12) months each during the primary term. The payment or tender of rental herein referred to may be made in currency, draft or check at the option of the Lessee; and the depositing of such currency, draft or check in any post office, properly addressed to the Lessor, or said bank, on or before the rental paying date, shall be deemed payment as herein provided. If such bank (or any successor bank) should fail, liquidate or be succeeded by another bank, or for any reason fail or refuse to accept rental, Lessee shall not be held in default for failure to make such payment or tender of rental until thirty (30) days after Lessor shall deliver to Lessee a proper recordable instrument, naming another bank as agent to receive such payments or tenders. The down cash payment is consideration for this lease according to its terms and shall not be allocated as mere rental for a period. Lessee may at any time execute and deliver to Lessor or to the depository above named or place of record a release or releases covering any portion or portions of the above described premises and thereby surrender this lease as to such portion or portions and be relieved of all obligations as to the acreage surrendered, and thereafter the rentals payable hereunder shall be reduced in the proportion that the acreage covered hereby is reduced by said release or releases.

If Lessee shall, on or before any rental date, make a bona fide attempt to pay or deposit rental to a Lessor entitled thereto under this lease according to Lessee's records or to a Lessor who, prior to such attempted payment or deposit, has given Lessee notice, in accordance with the terms of this lease hereinafter set forth, of his right to receive rental, and if such payment or deposit shall be erroneous in any regard (whether deposited in the wrong depository, paid to persons other than the parties entitled thereto as shown by Lessee's records, in an incorrect amount, or otherwise), Lessee shall be unconditionally obligated to pay to such Lessor the rental properly payable for the rental period involved, but this lease shall be maintained in the same manner as if such erroneous rental payment or deposit had been properly made, provided that the erroneous rental payment or deposit be necessary to enable Lessee to make proper payment.

5. Should any well drilled on the above described land during the primary term before production is obtained be a dry hole, or should production be obtained during the primary term and thereafter cease, then and in either event, if operations for drilling an additional well are not commenced or operations for reworking an old well are not pursued on said land on or before the first rental paying date next succeeding the cessation of production or drilling or reworking on said well or wells, then this lease shall terminate unless Lessee, on or before said date, shall resume the payment of rentals. Upon resumption of the payment of rentals, Section 4 governing the payment of rentals, shall continue in force just as though there had been no interruption in the rental payments. If during the last year of the primary term and prior to the discovery of oil, gas, or other hydrocarbons on said land Lessee should drill a dry hole thereon, or if after discovery of oil, gas, or other hydrocarbons before the last year of the primary term the lease in force during the remainder of the primary term, this lease nevertheless shall continue in force as long as such drilling or reworking operations are necessary in order to keep the well or reworking an old well, this lease nevertheless shall continue in force as long as such drilling or reworking operations continue, or if, after the expiration of the primary term, production on this lease shall cease, this lease nevertheless shall continue in force if drilling or reworking operations are commenced within sixty (60) days after such cessation of production; if production is restored or additional production is discovered as a result of any such drilling or reworking operations, conducted without cessation of more than sixty (60) days, this lease shall continue as long thereafter as oil, gas, other hydrocarbons or other mineral is produced and as long as additional drilling or reworking operations are had without cessation of such drilling or reworking operations for more than sixty (60) consecutive days.

6. Lessee, or either of them, with any other land, lease or leases when in Lessee's judgment it is necessary or advisable to do so in order to properly develop and operate said premises, such pooling to be into a well unit or units not exceeding forty (40) acres, plus an acreage tolerance of ten per cent (10%) of forty (40) acres, for oil, and not exceeding six hundred and forty (640) acres, plus an acreage tolerance of ten per cent (10%) of six hundred and forty (640) acres, for gas, except that larger units may be created to conform to any spacing or well unit pattern that may be prescribed by governmental authorities having jurisdiction. Lessee may pool or combine acreage covered by this lease, or any portion thereof, as above provided, as to oil or gas in any one or more strata, and units so formed need not conform in size or area with the unit or units into which the lease is pooled or combined as to any other stratum or strata, and all units need not conform as to area with gas units. The pooling in one or more instances shall not exhaust the rights of the Lessee hereunder to pool this lease or portions thereof into other units. Lessee shall execute in writing and place of record an instrument or instruments identifying and describing the pooled acreage. The entire acreage so pooled into a unit shall be treated for all purposes, except the payment of royalties, as if such operations were on the land covered by this lease, whether or not the well or wells be located on the premises covered by this lease. In lieu of the royalties elsewhere herein specified, Lessor shall receive from a unit so formed, only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit or his royalty interest therein bears to the total acreage so pooled in the particular unit involved. Should any unit be originally created hereunder contain less than the maximum number of acres hereinabove specified, then Lessee may at any time thereafter, whether before or after production is obtained on the unit, enlarge such unit by adding additional acreage thereto, but the enlarged unit shall in no event exceed the acreage content hereinabove specified. In the event an existing unit is so enlarged, Lessee shall execute and place of record a supplemental declaration of unitization identifying and describing the land added to the existing unit, provided, that if such supplemental declaration of unitization is not filed until after production is obtained on the unit as originally created, then and in such event the supplemental declaration of unitization shall not become effective until the first day of the calendar month next following the filing thereof. In the absence of production Lessee may terminate any unitized area by filing of record notice of termination.

7. Lessee also shall have the right to unitize, pool, or combine all or any part of the above described lands with other lands in the same general area by entering into a cooperative or unit plan of development or operation approved by any governmental authority and, from time to time, with like approval, to modify, change or terminate any such plan or agreement and, in such event, the terms, conditions, and provisions of this lease shall be deemed modified to conform to the terms, conditions, and provisions of such approved cooperative or unit plan of development or operation and, particularly, all drilling and development requirements of this lease, express or implied, shall be satisfied by compliance with the drilling and development requirements of such plan or agreement, and this lease shall not terminate or expire during the life of such plan or agreement. In the event that said the production therefrom is allocated to different portions of the land covered by said plan, then the production allocated to any particular tract of land shall for the purpose of computing the royalties to be paid hereunder to Lessor, be regarded as having been produced from the particular tract of land to which it is allocated and not to any other tract of land; and the royalty payments to be made hereunder to Lessor shall be based upon production only as so allocated. Lessor shall formally express Lessor's consent to any cooperative or unit plan of development or operation adopted by Lessee, and approved by any governmental authority.

8. Lessee shall have the right at any time without Lessor's consent to surrender all or any portion of the leased premises and be relieved of all obligation as to the acreage surrendered. Lessee shall have the right at any time during or after the expiration of this lease to remove all property and fixtures placed by Lessee on said land, including the right to draw and remove all casing. When required by Lessor, Lessee will bury all pipe lines below ordinary plow depth, and no well shall be drilled within two hundred (200) feet of any residence or barn now on said land without Lessor's consent. The Lessee agrees to promptly pay to the owner thereof any damages to crops, or improvements, caused by or resulting from any operations of Lessee.

