

OIL, GAS AND MINERAL LEASE

Recorded at 10:30 clock A.M. MAY 24 1972

Rec. No. 169 Ann Spomer, Recorder

INDEXED.

THIS AGREEMENT made this 16th day of March, 1972, between
The Board of Trustees of Leland Stanford Junior University
Office of Business and Finance
105 Encina Hall, Stanford, California, 94305

Lessor (whether one or more), and Amoco Production Company, Security Life Building, Denver, Colorado 80202

Lessee, WITNESSETH:

1. Lessor in consideration of Ten and more Dollars
 (\$ 10.00 + more), 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 tanks, power stations, telephone lines and other structures thereon to produce, save, take care of, treat, transport and own said products, and
 housing its employees, the following described land in Weld County, Colorado, to-wit:

Township 1 North, Range 66 West, 6th P.M.

Section 6: 3.2 acres, more or less, in NW/4 NW/4; Lot 3 (NE/4 NW/4) (39.5 acres) and
SE/4 NW/4, less approximately 6.7 acres, more or less, being the acreage
conveyed by Mathias Erikson to Mrs. Lucy Burt by deed dated March 1, 1921,
recorded in Book 612, Page 453, Weld County Records

of Section _____, Township _____, Range _____.

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, in-
 cluding all oil, gas, other hydrocarbons and all other minerals underlying lakes, rivers, streams, roads, easements and rights 76.0 which traverse or
 adjoin any of said lands. For rental payment purposes, the land included within this lease shall be deemed to contain _____ acres,
 whether it actually comprises more or less.

2. Subject to the other provisions herein contained, this lease shall be for a term of 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, 15% 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 15% of the gas so sold or used, provided that on gas sold at the wells the royalty shall be 15% 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, on 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 Seventy Six and no/100 Dollars
 above address XXXXXX

XXXXXX the sum of Seventy Six and no/100 Dollars

(\$ 76.00), (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 pay-
 ments 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 cor-
 rected within 30 days after receipt by Lessee of written notice from such Lessor of such error accompanied by any documents and other evidence neces-
 sary 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 inter-
 ruption 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 or during the last year of the primary term the
 production thereof should cease during the last year of said term from any cause, no rental payment or operations are necessary in order to keep the
 lease in force during the remainder of the primary term. If, at the expiration of the primary term, Lessee is conducting operations for drilling a new
 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 drill-
 ing or reworking operations for more than sixty (60) consecutive days.

6. Lessee, at its option, is hereby given the right and power to pool or combine the land covered by this lease, or any portion thereof, as to oil
 and gas, 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 320 acres, plus an acreage tolerance of ten per cent (10%) of
 320 acres, for gas, except that larger units may be created to conform to any spacing or well unit pattern that may be prescribed by govern-
 mental authorities having jurisdiction. Lessee may pool or combine acreage covered by this lease, or any portion thereof, 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 oil 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 instru-
 ments 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 it were included in this lease, and drilling or reworking operations thereon or production of oil or gas therefrom, or the completion thereof
 of a well as a shut-in gas well, shall be considered for all purposes, except the payment of royalties, as if such operations were on or such production
 were from or such completion 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
 as originally created hereunder contain less than the maximum number of acres hereinabove specified, then Lessee may at any time thereafter, whether be-
 fore 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 declara-
 tion 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, par-
 ticularly, 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
 above described lands or any part thereof, shall hereafter be operated under any such cooperative or unit plan of development or operation whereby
 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 agency by executing the same upon request of Lessee.

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.

8a. If Lessor is not the owner of the surface, Lessee will hold Lessor harmless from all
 claims and demands arising out of Lessee's operations hereunder which may be assented to by
 all owners of the surface or by any tenant of such owner.

No. 1590169

OIL, GAS AND MINERAL LEASE

FROM

TO

ated. 19

ction. Township. Range.

o. of Acres.

County, Colorado

LATE OF COLORADO

ss.

ounty of

This instrument was filed for record on the

MAY 24 1972

by of 19

10:20 o'clock A.M., and duly recorded

book 668 page of the

records of this office.

Register of Deeds.

Deputy.

Then Recorded
Return to

Witness my hand and official seal:

My commission expires

Notary Public.

Witness my hand and official seal:

My commission expires

Notary Public.

STATE OF COLORADO,

ss.

County of

The foregoing instrument was acknowledged before me this

day of

A.D., 19

by

Colorado Acknowledgment

STATE OF COLORADO,

ss.

County of

The foregoing instrument was acknowledged before me this

day of

A.D., 19

by

Colorado Acknowledgment

STATE OF Nebraska } ss. ACKNOWLEDGMENT FOR INDIVIDUAL (Kans., Okla., and Colo.) 2-2
 COUNTY OF Kimball

Before me, the undersigned, a Notary Public, within and for said county and state, on this 12th
 day of June, 19 71, personally appeared Lewis E. Phillips
 and Venda M. Phillips

to me personally known to be the identical person S who executed the within and foregoing instrument and acknowledged to me
 that they executed the same as their free and voluntary act and deed for the uses and purposes therein set forth.
 IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above written.

My commission expires December 19, 1974

Evelyn Strauch

Notary Public.

STATE OF _____ } ss. ACKNOWLEDGMENT FOR INDIVIDUAL (Kans., Okla., and Colo.)
 COUNTY OF _____

Before me, the undersigned, a Notary Public, within and for said county and state, on this _____
 day of _____, 19 _____, personally appeared _____
 and _____

to me personally known to be the identical person _____ who executed the within and foregoing instrument and acknowledged to me
 that _____ executed the same as _____ free and voluntary act and deed for the uses and purposes therein set forth.
 IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above written.

My commission expires _____

Notary Public.

EXHIBIT "A"

East Half of the Northwest Quarter ($E\frac{1}{2}NW\frac{1}{4}$) of Section Six (6), Township One
 North (Twp. 1 N.), Range Sixty-six West (Rge 66W.) of the 6th P. M.

That part of the $NW\frac{1}{4}$ of the $NW\frac{1}{4}$ of Section 6, Township 1 North, Range 66
 West of the 6th P. M., more particularly described as follows: Beginning
 at the Northeast corner of the $NW\frac{1}{4}$ of the $NW\frac{1}{4}$ of said Section 6, thence running
 West 385 feet to a point; thence south 26 degrees East 220 feet; thence south 30
 degrees 30 minutes East 228 feet; thence South 61 degrees 30 minutes East 206 feet;
 thence North 482 feet to the place of beginning, being 3.2 acres, more or less.

Southeast Quarter of the Southwest Quarter ($SE\frac{1}{4}SW\frac{1}{4}$) of Section Thirty-one (31), Town-
 ship Two North (Twp. 2 N.), Range Sixty-six West (Rge. 66 W.) of the 6th P. M.

All of the above described real property being in the County of Weld and State of
 Colorado.

Subject however to all rights of way for irrigation ditches, roadways and highways
 and public utility installations created by instruments of record and any and all
 other parcels as conveyed by recorded deeds.

Signed for Identification

Lewis E. Phillips
 Lewis E. Phillips

Venda M. Phillips
 Venda M. Phillips

day of _____, 19 _____, personally appeared _____
 and _____

to me personally known to be the identical person _____ who executed the within and foregoing instrument and acknowledged to me
 that _____ executed the same as _____ free and voluntary act and deed for the uses and purposes therein set forth.
 IN WITNESS WHEREOF, I have hereunto set my hand and official seal the day and year last above written.

My commission expires _____

Notary Public.