

OIL AND GAS LEASE

559662

Ann Soomer, Recorder

THIS AGREEMENT made this 2nd day of December 1970, between UNION PACIFIC RAILROAD COMPANY, a Utah corporation authorized to do business in the State of Colorado, Lessor, and PAN AMERICAN PETROLEUM CORPORATION, a Delaware corporation authorized to do business in said State, Lessee,

WITNESSETH:

1. Lessor, for a good and valuable consideration, receipt of which is hereby acknowledged and in consideration 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 and gas (gas for all purposes being defined without limitation, to include dry gas, casinghead gas, distillate, condensate, helium and all other gaseous substances), and associated liquid hydrocarbons, and, subject to the provisions of Sections 14, 15 and 16 hereof, 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:

See description on attached Exhibit "A"

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 oil, gas and associated liquid hydrocarbons underlying lakes, rivers, streams, roads, easements and rights-of-way (other than railroad 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 5741.57

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 its date (called "primary term") and as long thereafter as oil, gas or associated liquid hydrocarbons or any of them are produced from said land hereunder, or drilling or reworking operations are conducted thereon.

3. Lessee, within three months from the date of this lease, shall commence the actual drilling of a test well on the leased premises; and thereafter shall prosecute the drilling of said well diligently, without unnecessary delay and in a workmanlike manner. If the actual drilling of said well is not commenced within the time prescribed, this lease will automatically terminate.

4. The royalties to be paid by Lessee are: (a) on oil and on associated liquid hydrocarbons, 15% of that produced and saved from said land, the same to be delivered free of cost at the wells, or to the credit of Lessor into the pipe line to which the wells may be connected; (b) on gas 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. Lessee shall have free use of oil, gas 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.

While there is a well on the leased premises or on acreage pooled therewith capable of producing only gas, but from which well production is not being sold or used, and in the absence of oil or other production from said premises, this lease shall be extended for a period of 90 days from the date such well is shut-in, and Lessee may tender or pay annually as royalty a sum equal to the amount of annual rentals which would be payable during the primary term to defer drilling operations on the leased premises then subject to this lease; payment or tender of such royalty to be made as provided in Section 5 hereof, with the first payment to be made on or before 90 days from and after the date on which such well is shut-in and a similar payment to be made annually thereafter on or before the anniversary date on which such well is shut-in. If such payments are so made, it shall be considered that gas is being produced in paying quantities from the leased premises under all the terms and provisions of this lease.

If any portion of the leased premises is included in a pooled unit, the amount of the shut-in royalty applicable to the Lessor's interest therein shall be reduced in the proportion that the amount of Lessor's net mineral acres included in any such pooled unit upon which such gas well is situated bears to the total acreage contained in such pooled unit as provided in Section 7 hereof.

Lessee shall use reasonable diligence to market gas capable of being produced in paying quantities from a shut-in well, but shall be under no obligation to market same under terms, conditions or circumstances which, in Lessee's good faith judgment, are unreasonable or unsatisfactory.

Lessee may from time to time purchase any royalty portion of oil or associated liquid hydrocarbons in its possession, paying the market price therefor prevailing in the field where produced on the date of purchase; provided, however, that if Lessor shall so elect, Lessee shall deliver to Lessor in kind its royalty share of oil and associated liquid hydrocarbons. In the event of such election, Lessor shall give to Lessee not less than 60 days' notice of its election and shall make said royalty share in kind for a period of not less than six (6) months following the termination of said sixty (60) day period. Any such deliveries are to be made from the facilities of Lessee, which shall have been installed for its own convenience at times and in amounts which equitably adjust deliveries of both parties.

5. If the well provided for in Section 3 hereof is drilled and completed as a dry hole and 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, Att'n: Assistant Treasurer, Natural Resources Division-Petroleum, P. O. Box 3467, Enid Oklahoma, 73701, the sum of Five Thousand Seven Hundred Forty One and 57/100 Dollars (\$ 5,741.57)

(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, on or before the rental paying date, shall be deemed payment as herein provided. Lessee may at any time execute and place of record a release or releases covering any portion or portions of the above described premises, furnishing a copy thereof to Lessor, 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 rental to Lessor and if such payment shall be in an incorrect amount, Lessee shall be unconditionally obligated to pay to 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 had been properly made, provided that the erroneous rental payment be corrected within thirty (30) days after receipt by Lessee of written notice from such Lessor of such error accompanied by any documents and other evidence necessary to enable Lessee to make proper payment.

6. 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 5 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 associated liquid hydrocarbons on said land Lessee should drill a dry hole thereon, or if after discovery of oil, gas or associated liquid 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 or associated liquid hydrocarbons are 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.

7. 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 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 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 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 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 its net mineral acres placed in the unit 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 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.

This Section 7 shall not affect the provisions of Section 3.

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 obligations as to the acreage surrendered arising subsequent to the date of surrender. Lessee shall have the right at any time during or within one year 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.

9. The rights of either party hereunder may be assigned, in whole or in part, and the provisions hereof shall extend to the successors and assigns of the parties hereto, but no change or division in ownership of the land, rentals, or royalties, however accomplished, shall operate to enlarge the obligations or diminish the rights of Lessee. No change in the ownership of the land, or any interest therein, shall be binding on Lessee until Lessee shall be furnished with a certified copy of all recorded instruments, all court proceedings and all other necessary evidence of any transfer, inheritance, or sale of said rights. In event of the assign-

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ment of this lease as to a segregated portion of said land, the rentals payable hereunder shall be apportionable among the several leasehold owners ratably according to the surface area of each, and default in rental payment by one shall not affect the rights of other leasehold owners hereunder. In case Lessee assigns this lease, in whole or in part, Lessee shall be relieved of all obligations with respect to the assigned portion or portions arising subsequent to the date of assignment.

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10. All express or implied covenants of this lease shall be subject to all Federal and State Laws, Executive Orders, Rules or Regulations, and this lease shall not be terminated, in whole or in part, nor Lessee held liable in damages, for failure to comply therewith, if compliance is prevented by, or if such failure is the result of, any such Law, Order, Rule or Regulation, or if prevented by an act of God, of the public enemy, labor disputes, inability to obtain material, failure of transportation, or other cause beyond the control of Lessee other than financial.

11. If, during the term of this lease, oil or gas or associated liquid hydrocarbons are discovered upon the leased premises, but Lessee is prevented from producing the same by reason of any of the causes set out in this Section, this lease shall nevertheless be considered as producing and shall continue in full force and effect until Lessee is permitted to produce the oil, gas or associated liquid hydrocarbons, and as long thereafter as such production continues in paying quantities or drilling or reworking operations are continued as elsewhere herein provided.

12. Lessee at its option may discharge any tax, mortgage or other lien upon said land, either in whole or in part, and in event Lessee does so, it shall be subrogated to such lien with the right to enforce same and apply rentals and royalties accruing hereunder toward satisfying same. If Lessor owns an interest in said land less than the entire fee simple estate in and to oil, gas and associated liquid hydrocarbons, then the royalties and rentals to be paid Lessor shall be reduced proportionately.

13. This lease does not cover oil shale.

14. The rights granted under this lease are granted without covenants of title or to give possession or for quiet enjoyment.

15. Lessor reserves the right to use such portions of the leased premises as may not be required by Lessee in the conduct of its operations hereunder, for all purposes not inconsistent with the rights granted hereby, and Lessee shall so conduct its operations as not to interfere unreasonably with such use; provided, nevertheless, that the use of the leased premises by the Lessor shall not unreasonably interfere with the operations of the Lessee.

16. Lessee shall not make any entry upon or under any portion of the right of way or station grounds of Lessor for any of the purposes of this lease, and shall not drill any well or maintain any structures within two hundred feet (200') (a) of any railroad tracks or buildings on said right of way or station grounds, or (b) of any buildings upon the leased premises.

17. Notwithstanding anything to the contrary in this lease contained, no well shall be drilled upon or into and no facilities shall be installed upon any lands in which Lessor owns the mineral rights only, until the consents of the surface owners have been obtained under written instruments satisfactory to Lessor. Lessor will endeavor to obtain such consents and the Lessee agrees to cooperate. Any payments which the Lessor elects to pay to the surface owners shall be paid by Lessor out of its royalty.

Lessee shall pay for all damage to surface owners' lands, buildings and growing crops caused by construction, operations or maintenance of facilities, shall bury all pipe lines below plow depth where they cross cultivated lands, shall construct gates where necessary for crossing fenced lands and keep the gates in repair and closed, and shall indemnify Lessor with respect to such obligations.

18. Lessee agrees to hold Lessor harmless from and to indemnify it against any and all claims, demands, actions and causes of action for injury to or loss or destruction of property, and for injury to or death of any person, arising out of or in connection with operations hereunder.

Lessee shall not permit or suffer any lien or other encumbrance to be filed or to remain against the leased premises as a result of its operations hereunder, and Lessee agrees to hold Lessor harmless from and to indemnify it against any and all claims, demands, actions and causes of action which may result from the filing of any such lien or encumbrance.

All of the provisions of this lease shall inure to the benefit of and be binding upon the parties hereto, their successors and assigns.

IN WITNESS WHEREOF, this instrument is executed on the date first above written.

UNION PACIFIC RAILROAD COMPANY

By J. A. Redeker
Its Attorney in Fact

STATE OF COLORADO

COUNTY OF ARAPAHOE

ss.

Colorado-Wyoming
Acknowledgment

The foregoing instrument was acknowledged before me by J. A. Redeker
Attorney in Fact for UNION PACIFIC RAILROAD COMPANY, this 2nd day of December

1970
WITNESS my hand and official seal.

Alberta M. Hall
Notary Public

My Commission expires October 23, 1971

STATE OF

COUNTY OF

ss.

Utah-Nebraska
Acknowledgment

On the _____ day of _____, 19____, personally appeared before me, a Notary Public in and for said County, _____ personally known to me, who, being by me duly sworn did say that he is the Attorney in Fact of UNION PACIFIC RAILROAD COMPANY and that said instrument was signed as his voluntary act as Attorney in Fact for and in behalf of said corporation by authority and said _____ acknowledged to me that he, as such Attorney in Fact, executed the same.

WITNESS my hand and notarial seal the date last aforesaid.

Notary Public

My Commission expires _____

OIL AND GAS LEASE

FROM
UNION PACIFIC RAILROAD COMPANY

TO
PAN AMERICAN PETROLEUM CORPORATION

Dated _____, 19____

Section _____ Township _____ Range _____

No. of Acres _____

County, _____

STATE OF _____

COUNTY OF _____

This instrument was filed for record on the

_____ day of _____

19____ at _____ o'clock _____ M., and duly

recorded in book _____, page _____ of

the records of this office.

By _____

When Recorded Return to _____

When recorded return to:
PAN AMERICAN PETROLEUM CORP.
SECURITY LIFE BUILDING
DENVER, COLORADO 80202

EXHIBIT "A"

Township 3 North, Range 67 West

Section 13: SE/4 NE/4, S/2 NE/4 NE/4

Section 15: W/2 NE/4, SE/4 NE/4

Section 19: W/2 SE/4, SE/4 SE/4

Township 2 North, Range 67 West

Section 25: S/2 NW/4, N/2 SW/4, S/2 NW/4 NW/4

Section 31: SE/4, S/2 NE/4

Section 35: W/2 NE/4, SE/4 NE/4

Township 2 North, Range 68 West

Section 1: NW/4 SE/4, SE/4 SE/4

Section 9: SE/4 SW/4

Township 3 North, Range 66 West

Section 29: SW/4

Section 31: E/2 SW/4, SE/4, SW/4 NE/4, S/2 SE/4 NE/4

Township 2 North, Range 66 West

Section 5: Lot 2 (N/2 NW/4) (73.69), S/2 NW/4, SE/4, SW/4 NE/4

Section 9: NW/4, S/2 NE/4

Section 17: S/2 SW/4, NW/4 SW/4

Section 21: W/2 NE/4, SE/4 NE/4

Section 33: SE/4, S/2 NE/4

Township 1 North, Range 66 West

Section 9: SE/4, S/2 NE/4

Section 31: SE/4 NW/4, SW/4 NE/4

Township 1 North, Range 67 West

Section 3: SW/4, S/2 SE/4

Section 7: Lots 1 and 2 (W/2 W/2) (147.88), E/2 W/2, SE/4

Section 11: SW/4, S/2 NW/4

Section 15: W/2, SW/4 NE/4

Section 17: NW/4, S/2

Section 21: W/2, SW/4 NE/4

Section 27: NW/4, S/2

Section 35: NW/4, S/2 SE/4

Township 1 North, Range 68 West

Section 1: NW/4 SE/4, W/2 NE/4 SE/4

Containing 5741.57 acres, more or less

OIL AND GAS LEASE



THIS AGREEMENT, Entered into this the 10th day of February, 1970
between Roland Miller and Carol Miller, his wife
Rt 2 Box 17, Platteville, Colorado

hereinafter called lessor,
and D. Kirk Tracy, 428 Patterson Bldg. Denver, Colorado 80202 hereinafter called lessee, does witness:

1. That lessor, for and in consideration of the sum of Ten Dollars in hand paid and of the covenants and agreements hereinafter contained to be performed by the lessee, has this day granted, leased, and let and by these presents does hereby grant, lease, and let exclusively unto the lessee the hereinafter described land, and with the right to unitize this lease or any part thereof with other oil and gas leases as to all or any part of the lands covered thereby as hereinafter provided, for the purpose of carrying on geological, geophysical and other exploratory work, including core drilling, and the drilling, mining, and operating for, producing, and saving all of the oil, gas, casinghead gas, casinghead gasoline and all other gases and their respective constituent vapors, and for constructing roads, laying pipe lines, building tanks, storing oil, building piers, stations, telephone lines and other structures thereon necessary or convenient for the economical operation of said land alone or conjointly with neighboring lands, to produce, save, take care of, and manufacture all of such substances, and for housing and boarding employees, said tract of land with any reversionary rights therein being situated in the County of Weld State of Colorado and described as follows:

Township 3 North, Range 66 West
Section 30: SE $\frac{1}{4}$ SW $\frac{1}{4}$ and Section 31: E $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$

in Section 30 Township 3 North Range 66 West and containing 160 acres, more or less.

2. This lease shall remain in force for a term of Five years and as long thereafter as oil, gas, casinghead gas, casinghead gasoline or any of the products covered by this lease is or can be produced.

3. The lessee shall deliver to lessor as royalty, free of cost, on the lease, or into the pipe line to which lessee may connect its wells the equal one-eighth part of all oil produced and saved from the leased premises, or at the lessee's option may pay to the lessor for such one-eighth royalty the market price for oil of like grade and gravity prevailing on the day such oil is run into the pipe line or into storage tanks.

4. The lessee shall monthly pay lessor as royalty on gas marketed from each well where gas only is found, one-eighth ($\frac{1}{8}$) of the proceeds if sold at the well, or if marketed by lessee off the leased premises, then one-eighth ($\frac{1}{8}$) of its market value at the well. The lessee shall pay the lessor: (a) one-eighth ($\frac{1}{8}$) of the proceeds received by the lessee from the sale of casinghead gas, produced from any oil well; (b) one-eighth ($\frac{1}{8}$) of the value, at the mouth of the well, computed at the prevailing market price, of the casinghead gas, produced from any oil well and used by lessee off the leased premises for any purpose or used on the leased premises by the lessee for purposes other than the development and operation thereof. Lessor shall have the privilege at his own risk and expense of using gas from any gas well on said land for stoves and inside lights in the principal dwelling located on the leased premises by making his own connections thereto.

Where gas from a well or wells, capable of producing gas only, is not sold or used for a period of one year, lessee shall pay or tender as royalty, an amount equal to the delay rental as provided in paragraph (5) hereof, payable annually at the end of each year during which such gas is not sold or used, and while said royalty is so paid or tendered this lease shall be held as a producing property under paragraph numbered two hereof.

5. If operations for the drilling of a well for oil or gas are not commenced on said land on or before the 10th day of February, 1971 this lease shall terminate as to both parties, unless the lessee shall on or before said date pay or tender to the lessor or for the lessor's credit in the Longmont National Bank at Longmont, Colorado

or its successors, which Bank and its successors are the lessor's agent and shall continue as the depository of any and all sums payable under this lease regardless of changes of ownership in said

land or in the oil and gas or in the rentals to accrue hereunder, the sum of One hundred sixty Dollars, which shall operate as a rental and cover the privilege of deferring the commencement of operations for drilling for a period of one year. In like manner and upon like payments or tenders the commencement of operations for drilling may further be deferred for like periods successively. All payments or tenders may be made by check or draft of lessee or any assignee thereof, mailed or delivered on or before the rental paying date, either direct to lessor or assigns or to said depository bank, and it is understood and agreed that the consideration first recited herein, the down payment, covers not only the privilege granted to the date when said first rental is payable as aforesaid, but also the lessee's option of extending that period as aforesaid and any and all other rights conferred. Notwithstanding the death of the lessor or his successors in interest, the payment or tender of rentals in the manner above shall be binding on the heirs, devisees, executors, and administrators of such persons.

6. If at any time prior to the discovery of oil or gas on this land and during the term of this lease, the lessee shall drill a dry hole, or holes on this land, this lease shall not terminate, provided operations for the drilling of a well shall be commenced by the next ensuing rental paying date, or provided the lessee begins or resumes the payment of rentals in the manner and amount hereinabove provided, and in this event the preceding paragraphs hereof governing the payment of rentals and the manner and effect thereof shall continue in force.

7. In case said lessor owns a less interest in the above described land than the entire and undivided fee simple estate therein then the royalties and rentals herein provided for shall be paid the said lessor only in the proportion which his interest bears to the whole and undivided fee. However, such rental shall be increased at the next succeeding rental anniversary after any reversion occurs to cover the interest so acquired.

8. The lessee shall have the right to use, free of cost, gas, oil and water found on said land for its operations thereon, except water from the wells of the lessor. When required by lessor, the lessee shall bury its pipe lines below plow depth and shall pay for damage caused by its operations to growing crops on said land. No well shall be drilled nearer than 200 feet to the house or barn now on said premises without written consent of the lessor. Lessee shall have the right at any time during, or after the expiration of, this lease to remove all machinery, fixtures, houses, buildings and other structures placed on said premises, including the right to draw and remove all casing, but lessee shall be under no obligation to do so, nor shall lessee be under any obligation to restore the surface to its original condition, where any alterations or changes were due to operations reasonably necessary under this lease.

9. If the estate of either party hereto is assigned (and the privilege of assigning in whole or in part is expressly allowed), the covenants hereof shall extend to the heirs, devisees, executors, administrators, successors, and assigns, but no change of ownership in the land or in the rentals or royalties or any sum due under this lease shall be binding on the lessee until it has been furnished with either the original recorded instrument of conveyance or a duly certified copy thereof or a certified copy of the will of any deceased owner and of the probate thereof, or certified copy of the proceedings showing appointment of an administrator for the estate of any deceased owner, whichever is appropriate, together with all original recorded instruments of conveyance or duly certified copies thereof necessary in showing a complete chain of title back to lessor to the full interest claimed, and all advance payments of rentals made hereunder before receipt of said documents shall be binding on any direct or indirect assignee, grantee, devisee, administrator, executor, or heir of lessor.

10. If the leased premises are now or shall hereafter be owned in severalty or in separate tracts, the premises nevertheless shall be developed and operated as one lease, and all royalties accruing hereunder shall be treated as an entirety and shall be divided among and paid to such separate owners in the proportion that the acreage owned by each separate owner bears to the entire leased acreage. There shall be no obligation on the part of the lessee to off-measure, or receiving tanks. It is hereby agreed that in the event this lease shall be assigned as to a part or as to parts of the above described land and shall not operate to defeat or affect this lease insofar as it covers a part of said land upon which the lessee or any assignee hereof shall make due payment of said rentals. If at any time there be as many as four parties entitled to rentals or royalties, lessee may withhold payments thereof unless and until all parties designate, in writing, in a recordable instrument to be filed with the lessee, a common agent to receive all payments due hereunder, and to execute division and transfer orders on behalf of said parties, and their respective successors in title.

11. Lessor hereby warrants and agrees to defend the title to the land herein described and agrees that the lessee, at its option, may pay and discharge in whole or in part any taxes, mortgages, or other liens existing, levied, or assessed on or against the above described lands and, in event it exercises such option, it shall be subrogated to the rights of any holder or holders thereof and may reimburse itself by applying to the discharge of any such mortgage, tax or other lien, any royalty or rentals accruing hereunder.

12. Notwithstanding anything in this lease contained to the contrary, it is expressly agreed that if lessee shall commence operations for drilling at any time while this lease is in force, this lease shall remain in force and its terms shall continue so long as such operations are prosecuted and, if production results therefrom, then as long as production continues.

13. If within the primary term of this lease, production on the leased premises shall cease from any cause, this lease shall not terminate provided operations for the drilling of a well shall be commenced before or on the next ensuing rental paying date; or, provided lessee begins or resumes the payment of rentals in the manner and amount hereinbefore provided. If, after the expiration of the primary term of this lease, production on the leased premises shall cease from any cause, this lease shall not terminate provided lessee resumes operations for drilling a well within sixty (60) days from such cessation, and this lease shall remain in force during the prosecution of such operations and, if production results therefrom, then as long as production continues.

14. Lessee may at any time surrender or cancel this lease in whole or in part by delivering or mailing such release to the lessor, or by placing same of record in the proper county. In case said lease is surrendered and canceled as to only a portion of the acreage covered thereby, then all payments and apportioned on an acreage basis, but as to the portion of the acreage not released the terms and provisions of this lease shall continue and remain in full force and effect for all purposes.

15. All provisions hereof, express or implied, shall be subject to all federal and state laws and the orders, rules, or regulations (and interpretations thereof) of all governmental agencies administering the same, and this lease shall not be in any way terminated wholly or partially nor shall the lessee be liable in damages for failure to comply with any of the express or implied provisions hereof if such failure accords with any such laws, orders, rules or regulations (or interpretations thereof). If lessee should be prevented during the last six months of the primary term hereof from drilling a well hereunder by the order of any constituted authority having jurisdiction thereover, or if lessee should be unable during said period to drill a well hereunder due to equipment necessary in the drilling thereof not being available on account of any cause, the primary term of this lease shall continue until six months after said order is suspended and/or said equipment is available, but the lessee shall pay delay rentals herein provided during such extended time.

16. Lessee is hereby expressly granted the right and privilege (which Lessee may exercise at any time either before or after production has been obtained upon this premises or any premises consolidated herewith) to consolidate the gas leasehold estate created by the execution and delivery of this lease, or any part or parts thereof, with any other gas leasehold estate or estates to form one or more gas operating units of approximately 840 acres each. If such operating unit or units is so created by Lessee, Lessor agrees to accept and shall receive out of the gas production from each such unit such portion of the gas royalty as the number of acres out of this lease placed in such unit bears to the total number of acres included in such unit. The commencement, or completion of a well, or the continued operation or production of gas from an existing well, on any portion of an operating unit shall be construed and considered as the commencement or completion of a well, or the continued operation of, or production of gas from, a well, on each and of all the lands within and comprising such operating unit; provided, that the provisions of this paragraph shall not affect the payment or non-payment of delay rentals with respect to portions of this premises not included in a unit (but this lease as to such portions of this premises not included in a unit, shall be deemed to be a separate lease.) In the event portions of the above described lands are included in several units, each portion so included shall constitute a separate lease, and the particular owner or owners of the lands under each separate lease shall be solely entitled to the benefits of, and be subject to the obligations of lessor under each separate lease. Lessee shall execute in writing and record in the conveyance records of the county in which the land herein leased is situated an instrument identifying and describing the consolidated acreage.

17. This lease and all its terms, conditions, and stipulations shall extend to and be binding on all successors of said lessor and lessee.

IN WITNESS WHEREOF, we sign the day and year first above written.

(SEAL)

(SEAL)

(SEAL)

(SEAL)

Roland Miller

Carol Miller

Carol Miller

(SEAL)

(SEAL)

(SEAL)

(SEAL)

312,215

3.25 m

STATE OF Colorado } ss. ACKNOWLEDGMENT FOR INDIVIDUAL (Kans. Okla. and Colo.)
 COUNTY OF Weld

Before me, the undersigned, a Notary Public, within and for said County and State, on this 10th
 day of February, 1970, personally appeared Roland Miller
 and Carol Miller, his wife

to me personally known to be the identical person 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 7-1-73

Hanes M. Dawson

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

STATE OF _____ } ss. ACKNOWLEDGMENT FOR CORPORATION
 COUNTY OF _____

Be it remembered that on this _____ day of _____, 19____, before me, the undersigned, a
 Notary Public, duly commissioned, in and for the county and state aforesaid, came _____
 _____ president of _____

a corporation of the State of _____, personally known to me to be such officer, and to be
 the same person who executed as such officer the foregoing instrument of writing in behalf of said corporation, and he duly ac-
 knowledged the execution of the same for himself and for said corporation for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and official seal on the day and year last above written.
 My commission expires _____
 _____ Notary Public

No. 1543453

OIL AND GAS LEASE

FROM

TO

Date _____, 19____

Section _____ Twp. _____ Rge. _____

No. of Acres _____ Term _____

County _____

STATE OF Colorado } ss.
 County of Weld

This instrument was filed for record on the

day of MAR 6 1970

at 9 40 o'clock A M., and duly recorded

in Book 621 Page _____ of _____

the records of this office.

By Gunn Spencer Register of Deeds.

Helle H. Roney

When recorded, return to _____

THE KANSAS BLUE PRINT CO.
 117 NORTH MARKET ST. WICHITA, KANSAS
 PHOTOSTAT SERVICE-UP-TO-DATE OIL MAPS

NOTE: When signature by mark in Kansas, said mark to be witnessed by at least one person and also acknowledged.
 For acknowledgment by mark, use regular Kansas acknowledgment.

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