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OIL AND GAS LEASE

| THIS AGREEMENT, made this Zoth day of August 79 95 | - 1 |
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| by and between . Philip J. Rauch and Lou Ellen Rauch, husband and wife | ••••• |
| Marinesa California proce | • • • • • |
| Mariposa, California 95338 | |
| Herein Called "Langur" Authorbur and an army to a Tona Tona Called | |
| herein called "Lessor" (whether one or more), and .i.phelree Energy. Luc. | . |
| | 16. |
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| 1. The Lessor, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration in hand paid, the receipt of a is hereby scincovisched, and of the covenants and agreements invalidated, does hereby grant, dentine, lesso and its including the interest of a second seeigns, the herebrailer described lend, for the purpose and with the exclusive right of investigating, supporting trade in anisomograph or other method or devices), striling, making and operating for and producing (by such method or methods an Lesso may down and tradeding representing end processor maintenance of subscribes formations with fluids or gene), saving, taking, owning, string, treating, treating, method generated producing the producing producing the producing of the frequency and other substances being fareit referred to as all, gas, and other remains a special producing the producing interest producing an anisometric for roats, spin three, techniques and substances), specific with rights or saling power houses and other substances and techniques and string the saling power houses and stations, techniques and reservoirs for clearing all sales and substances produced produced reservoirs and substances of the foreign device and the saling power houses and stations, techniques and reservoirs for clearing all sales and substances produced from each device and substances produced produced and control of the solid and period these thereon; solid produces and solid and other rights and produced these themselves are substances and supstances and solid produced the substances of the solid produces and solid and period the substances are substances and substances and solid produces and solid and other rights and produced the produces and solid prod | which |
| the examples of Leave the state of the privileges necessary, incident to ar animalism for or in connection with the purposes heree | |
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| State of TEYERS | - |
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| TOWNSHIP 9 NORTH, RANGE 64 EAST, M.D.B.& M. (Lincoln County) | |
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| Section B: Sisti, Stisti | |
| Section B: NEANWA, SANWA, NEA, WASA, SEASWA Section 9: WANWA, NWASWA | |
| 31 1711111 | |
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| TOWNSHIP 10 HORTH, RANGE 64 EAST, M.D.B.& M. (White Pine County) | |
| | |
| Section 26: SWANNA | |
| Section 27: NWANEA, SANA, SEASWA Section 28: SANEA | |
| Section 34: EisEi | |
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| containing .1.,319,88. acres, more or less; and for the purpose of calculating rental payments hereunder said land shall be deemed to constitute number of acres, whether it actually contains more or less. Lessor intends to and hereby leases not only the above described land, 2. This lesses that he attention or the said land up to the boundaries of the adjoining owners. | |
| 2. This posses shall be effective on and including the date hereof therein called the treatment of the state | |
| 'primary term') and as long thereafter as oit, gas and other leased substances or any of them are produced from said land hereunder or land pool therewilh, or operations (as hereinatter defined) are continuously prosecuted as hereinatter provided on said land or land pooled therewith, or this last continuously prosecuted as hereinatter provided on said land or land pooled therewith, or this last | the cled |
| If operations for the drilling of a well are not commenced on said lend or on land pooled therewith on or before one year from and a the effective date hereof, this lease shall terminate as to both perties, unless on or before one year from and a | ifter |
| which shall cover the privilege of deferring commencement of such operations for a period of twelve (12) months. In like manner and upon like payments enders, annually, the commencement of said operations may be further deferred for successive periods of the same number of months each, during the full of the same number of months each, during | 8) s or the |
| 1 40 4 yosante Haden CA Ghlat | inni; |
| at .10 Ly yasais. And the second of the seco | i be ink, ible if or see |

4. The royalties to be paid by Letters are:

A. On oil, including condensate and other liquid hydrocarbons which are produced at the well in liquid form by crifinary production methods, one-sighth (1/8) of this produced and saved from said lend, assee to be delivered in kind to be credit of Lessor into the pipe line or other transportation facility connected to or otherwise utilized in transporting of from the time purchase any rounity oil and other liquid hydrocarbons in its possession, paying therefor the net market price thereof and office defined below), computed at the well, in either case the Lessor's interest shall been its proportion of the cost of treating the oil to make it market price thereof and of transporting it from the wells to point of either to be purchaser.

and of transporting it from the wells to point of delivery to the purchaser.

3. On pas, including casinghesi ges and other generals indestone produced and assed from said land, the royalty shall be: (1) in case Layese shall itself use ges in the extraction of gesoline, distillate or other products stracefrom, one-eight (1/3) of the net proceeds as defined below) received by Leuese from this sake of the geseline, distillate and other products extracted therefrom and without any saved and market strategy and one-eighth (1/3) of the net proceeds and market strategy and one-eighth (1/3) of the net proceeds and market strategy and one-eighth (1/3) of the net proceeds received by Leuese from the sale lab get of the plant after such estraction; (2) in case gas is said at the wells, one-eighth (1/3) of the net proceeds received by Leuese from the sale thereof, computed at the well; (3) is all other cases when gas is sold, one-eighth (1/3) of the net proceeds received by Leuese from the sale thereof, and it is well; (and (4) in one-Leuese shall rais with the stall will use ges for appendicus after their specialism under this leave, one-eighth (1/3) of the net proceeds received by Leuese from the sale thereof including compressing gas and extracting the products thereof, storing, and transporting the gas and products thereof from the well or plant, as the cases may be, to the point of delivery to the purchaser of storing.

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- C. On all other leased substances produced and seved, including substances produced with or incidental to the production of hydrocarbon substances and seved, and seved, the royalty shall be one-eighth (1/2) of the net proceeds received by Leases from the sele thereof campistes a well; and when not sold but used by Leases for operations other than operations under this lease, the royalty shall be one-eighth (1/2) of the market price of such substances so used, computed at the well, except that on autinus the royalty shall be One Dollar (\$1.00) per long ten. and autoh
- D. No royalty shall be payable an oil, get and atter leased substances, or products thereof, or residue gas, produced from said land a by Leasee for operations on said land, or disposed of for no consideration to Leasee either through unavoidable fore or leakage, or in order trecover leased substances, or returned to a subsurface formation. med by Leanne for a
- E. The term "not market price" as used in this lease means the price prevailing in the fleid where said land is located of substraces or substantially the same kind, quality, quantity and characteristics as leased substances or products thereof, as determined by comparable saled by governmental authority; and if there are no comparable saled or governmental price controls, such price as determined to be felt and reasonable; less the reasonable cost of transfing, gethering, pracessing (unduling conspectang gas and extracting the product storing, and transporting same from the well or plant, as the case may be, to the point of delivery to the purchaser or user. The form "not as used in this lease means proceeds received by Leases from sales of leased substances or products thereof, less costs munitioned shove in this
- In the interest many processes received by Lessee from eases or sessed substances or products thereof, seas cests manufored server in mis paragraphs.

 F. It is the intention of the parties hereto (except as to lessed substances the Lesson may take in kind), subject to applicable governmentel and price controls, that the Lessee shall have and is granted the one on unifortered right to self the lessed substances for such price will be upon such terms and conditions and far such duration as the Lessee in its sole discretion deems advisable; provided that any such sale and control of the product of the product of the product of the sale and easonable at the time and under the circumstances existing when extered into; and it is agreed that mysity pold because or or issued on not proceeds or many such sale or contract of sale, or on not market price as determined hereunder, will actively the provisions of this lesse with respect to the payment of rewalds.

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- of royalty herewider.

 5. If Lesses obtains production of oil, ges or other lessed substances on said lend or on land with which the lessed premises or any portion these of his been pooled, and if, during the life of this lesses either before or after the expiration of the primary term, all the walls are shuf in helicor or after production therefore because of the lack either of a market at the well or wells or of an available pipe line exists or capacity in the field, or should be producted in the state of the lack either of a market at the well or wells or of an available pipe line exists or capacity in the field, or should not not interest during such shuf-in period as though prediction were solution from the time, this tease shall not terminate but shall continue in effect during such shuf-in period as though prediction were solutily being obtained on the premises within the meaning of Paragraphs of the effective date hereof next ensuing offer the expiration of ninety (80) days from the date all such production is shuf in any or before such anniversary date as long as all such production is shuf in and not commenced or re-commenced or re-commenced any such succeeding royalty, an amount equal to the annual delay restal that would then be payable as more or the prograph a hereof. Such payment or tender may be made by civeot or draft of Lessee, mailed or delivered to said bank or royalty owners, on or before said anniversary date. The owners of the reyalty as of the date of such payment shall be entitled theret in proportion to their conversing of the royalty. The provisions of this paragraph shall be recurring at all times during the life of this lesse. Nothing in this paragraph contained shall entitle the royalty as all times during the life of this lesse in force and effect under its other provisions, and no shuf-in royalty shall be due for or with respect to a shall-in period during which this lesse is otherwise maintained in lorse and effect.
- a shat-in period during which this lease is otherwise maintained in lores and effect.

 6. If before commencement of production of oil, gas or other leased substances on said tand or on lend pooled therewith. Leasee should drill a dry hole or holes thereon, or should abandon the drilling of a hole or holes thereon, or if, after the commencement of production of oil, gas or other leased substances thereon, or production thereof should cease from any cause, this lease shell not be terminated thereby if Leasee commences or resumes operations or production within ninety (90) days thereafter on said land or on lend pooled therewith; or (if it be within the primary term) the Leasee eighter (i) if there be no further rental paying date thereafter, commences or resumes operations or production of the primary term, (ii) if there be a rental paying date thereafter, commences or resumes operations or production or said land or on land pooled therewith prior to the expiration of the primary term, (ii) if there be a rental paying date thereafter, commences or resumes operations or production on said land or on land pooled therewith or or before the ensuing rental paying date after the expiration of inless of operations or production on said land or on land pooled therewith but Leases is then engaged in operations thereon, or if Lease shall have ceased operations or production on said land or on land pooled therewith within ninety (30) days prior to expiration of the primary term, this leave shall nave ceased operations or production on said land or on land pooled therewith within ninety (30) days prior to expiration of the primary term, this leave shall have ceased operations or production on said land or on land pooled therewith within ninety (30) days prior to expiration of the primary term, this leave shall have ceased operations or production or not her production of initial production of the primary term that have ceased operations are prosecuted (on the same or different wells) with no ceasation of more than ninety (90
- or not in paying quantities. All operations bereunder shell be deemed to be continuously prosacuted if not more than ninety (90) consecutive days elapse between the completion of all operations at one well or location and the commencement or recommencement or population.

 7. Lessee is hereby granted the right and power at any time and from time to time, without Lessor's joinder, to pool, combine or untities this tesse, the lesschold estate and Lessor's royally estate oresland pereby, est of all or any part of the land covered hereby, and as to any one or more subsurface strates or formations, with any other land, lesses or lessees, royally or mineral estate or scriptions thereby, and as to any one or more subsurface the commencement of the process of the commencement of the c
 - 8. If Lessor owns a less interest in the above described lend than the entire and undivided fee simple estate therein, then the reveilles and entaits herein provided shall be paid to Lessor only in the proportion which Lessor's interest bears to the whole and andivided fee.
- The second state of the paid to Lessor only in the proportion which Lessor's interest bears to the whole and sindivided fee.

 8. Lessoe shell have free use of oil, gas, other lessed substances and water from add land, except water from Lessoe's wells, for all aperations have made in the register of the second state of the se

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- 10. The rights of either party hereunder may be essigned in whole or part and the pravisions hereof shall extend to their heles, essecutors, administrators, successors and susgins. No change or division in ownership of the land, rentals, or regalities, however accomplished, shall operate to animage the obligations or division has furnished Lessee, at its principal place of business, until starty (80) days after the person acquiring any interest or effected by such change or division has furnished Lessee, at its principal place of business, with the instruments, or certified so as a segregated pertion of said land, or se to an undivided insered therein, the rentals payable hersunder shall be apportioned as between the saveral shall not affect the rights of other feasehold ewners necessities. An according to the un-divided interest of each, and detault in rental payment by and shall not affect the rights of other feasehold ewners hersunder and, if Lessee or assignee of part or parts hereof shall to the extent of such assignment of the propertionate part of the rontals due from such Lessee, or savignee of part or parts hereof shall fell or make defaulting party and shall not affect the sole responsibility of the defaulting party and shall not affect this lesse, in a shall not be in default and shall make payment of said sentials: Lessee may starty with any other provisions of this lesse, and saving senting and payment or parts and shall make payment of said sentials: Lessee may starty limp execute and deliver to Lessor or to the depending above named or place of record a relesse or releases covering say portion or portions a part of said lands upon which Lessee or envises to such portion or portions or portions or portions and be restored the lessee or such portion or portions and be restored as a series of said to be entired to the accessee of said sold patients as to cover a part of said unde upon which Lessee or releases, but all lends so released shall rentals subject to essessors for the same covered hereby t
- 11. In case of suit, adverse claim, dispute or question as to the ownership of the restate or royalties (or some part thereof) payable under this lense, been finally disposed of, and Lessee shall have sixty (60) days after being furnished with the original instrument or instruments disposed or, and Lessee shall have sixty (60) days after being furnished with the original instrument or instruments disposing of such eath, each exit, the owners of such restals and royalties and how to consolidy pay the same, within which to make payment. Should the right or interest of Lessee's opinion, to determine be disputed by Lesser, or any other person, the time covered by the pendency of such dispute shall not be counted against Lessee aither as affecting of such dispute.
- 12. When drilling, reserving, production or other operations are delayed or interrupted by force majeure, that is, by sterm, flood or other acts of God, fire, war, rebellion, insurrection, riod, strikes, differences with workmen, or failure of cerniers to transport or furnish facilities for transportation, or as a result of some law, order, rule, regulation, requisition or necessity of the government, Federal of State, or as a result of any curse whathoever beyond the control of the Lease, the time of such delay or interruption shell not be counted against Leases, snything in this lease to the outerary reworking or other operations, or producing oil, gas, or other leased substances from the prevented from conducting such drilling, were control to the control of the control of
- 13. It is expressly understood and agreed that there shall be no obligation on the part of Lessee to offset wells on separate tracts into which the not covered by this lesse may be now or hereafter divided by sale, devise or otherwise, or to furnish separate measuring or receiving tanks therefor. See may at any time or times pay or tender all restals or other sums according hereunder to the joint credit of Lessor.
- Lessee may at any time or times pay or tender all restals or other sums accruing hereunder to the joint credit of Lessor.

 14. Notwithstanding the death of any Lessor, or his successors in interest, the perment or tender of rentals and other amounts hereunder in the manner or his successor in interest, the Lessee may continue meeting payments in the manner set furth above to the state of the decessed party, or to the credit of such estate in the depository set forth above until sixty (60) days after the Lessee shell have been furnished with certified copies of the decessed party, or to the proceedings showing the territup until sixty (60) days after the Lessee shell have been furnished with certified copies of the court in court, until sixty (60) days after the Lessee shell have been furnished with cultivation of each estate.

 15. Lessor hereby warrants and agrees to defend the title to the lands herein described, and agrees that the Lessee at its option shall have the right to redeem for Lessor, by payment, any mortgage, taxes or other liens on the above described lands, in the event of default of payment by Lesser, and be subregated to the rights of the holder thereof, in case of payment of any such mortgage, taxes or other liens by Lessee, in addition to the right thereform, and the retention of such rentals or royalize by Lessee shall have the same effect as if paid to the Lessor in whose behalf payment of any mortgage, taxes or other liens by Lessee.
- 15. This lease shall be binding upon all who execute it, whether or not named in the body hereof as Lessor, and without regard to whether this assess instrument, or any copy thereof, shall be executed by any other Lessor named above. Each Lessor executes this lease individually and in his own right and also for and on behalf of all parties for whom he is authorized and empowered to lease said land.

| IN WITNESS WHEREOF, this instrument is executed as of the date | first above written. | |
|--|---------------------------------|------|
| Journa Lought | Philip J. Rauch S.S. 4 546-28-1 | |
| | | ell. |

| The State of <u>California</u> | ACKNOWLEDGMENT | JOVAN A. TRUBLIO COMP. 1903561 HOTOMA THE STATE OF THE S |
|---|--|--|
| Before me, the undersigned authority, on this day parachus band and wife lunown to me to be the person 5 whose that | neme S manualisate | BOOK 245 PAGE 559 auch and Lou Ellen Rauch. |
| Given under my hand and seal of office on the My Commission Expires: | 03 day of September | on confident dichrospack. |
| COR County of | RPORATE ACKNOWLEDGMEN | |
| President of | day of | Liment, and acknowledged to me that he executed the i as the act and deed of said corporation. |
| Oil and Gas Lease FROM TO TO HSC Services Account | State of Nevada County of Lincoln This instrument was filed for record on the 12th day of Janaury , 19 1996, at 1:01 O'clock, P. M., and duly recorded in Book 117 Page 07 of the Official records | Turiko Setzer Yuriko Setzer When recente ream is The County Clerk Register of Deeds. When recented ream is The Add Section of Deeds. Suite 1700 DALLAS, TEXAS 75202-2785 ATIN: LEVERNE HEARN |
| he State of | ACKNOWLEDGMENT HUA solly appeared RECO | E 10 00 FILE 93055 FILED FOR A COUNTY |
| Given under my hand and seal of office on this | name subscribed to e for the purposes and consideration | the foregoing instrument, and acknowledged to me therein expressed. |
| | Notary Public | in and forCounty, |