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## OIL, GAS AND MINERAL LEASE

Lessor (whether one or more) whose address is:

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It is the intention of Lessor and Lessee that this lease shall also include, and there is hereby included, granted, leased and let, for the purposes and consideration herein stated, all the land owned or claimed by Lessor, adjacent or contiguous to the land particularly described above, whether the same be in said section or sections, grant or grants, or in adjacent sections or grants, although not included within the boundaries of the land particularly described above. For the purpose of determining

the amount of any money payment hereunder, the lands herein described shall be treated as comprising. 819.5 and in the event of a partial assignment or surrender hereunder, the assigned or surrendered portion or portions shall be deemed to contain the number of acres stated in such assignment or surrender.

2. Subject to the other provisions herein contained, this lease shall be for a term of ten years from this date (called "primary term") and as long thereafter as all, gas or other mineral is produced from said land or lands with which said land is pooled hereunder.

3. The regulates to be paid by Lessee are: (a) on oil, one-eighth (1/8) of that produced and saved from said land, the same to be delivered at the wells or to the credit of Lessor into the pipeline 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, in either case such interest to bear its proportion of any expense of treating unmerchantable oil to render it merchantable as crude; (b) on gas, one-eighth (1/8) of the market value at the well of the gas used by Lessee in operations not connected with the land leased or any pooled unit containing all or a part of said land; the royalty on gas sold by Lessee to be one-eighth (1/8) of the amount realized at the well from such sales; (c) one-eighth (1/8) of the market value at the mouth of the well of gas used by Lessee in manufacturing gasoline or other ly-products, except that in computing such value, there shall be excluded all gas or components thereof used in lease or unit operations; and (d) on all other numerals initial and marketed, one-tenth (1/10) either in kind or value at the well or mine, at Lessee's election, except that on sulphur mined and marketed, the royalty shall be fifty cents (50c) per long ton. In the event that any well on the land or on property pooled therewith (or with any part thereof) is capable of producing oil or gas or gaseous substances in paying quantities but such minerals are not being produced, then Lessee's rights may be maintained, in the absence of production or drilling operations, by commencing or resuming rental payments (herein sometimes referred to as shut in gas payments) as hereinafter provided in paragraph 6. Should such conditions occur or exist at the end of or after the primary term, or within sixty (60) days prior to the expiration thereof, Lessee's rights may be extended beyond and after the primary term by the commencement, resumption or continuance of such payments at the rate and in the manner herein provided for rental payments during the primary term, and for the purpose of computing and making such payments the expiration date of the primary term and each anniversary date thereof shall be considered as a fixed rental paying date, and if such payments are made, it will be considered that oil or gas or gascous substance is being produced within the meaning of paragraph 2 hereof. 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 royalty on oil, gas and coal shall be computed after deducting any so used.

4. Lessee, at its option, is hereby given the right and power to pool or combine the acreage covered by this lease or any portion thereof with other land, leave or leases in the immediate vicinity thereof, when in Lessee's judgment it is necessary or advisable to do so in order properly to develop and operate said premises in compliance with any lawful spacing rules which may be prescribed for the field in which this lease is situated by any duly authorized authority, or when to do so would, in the judgment of Lessee, promote the conservation of the oil and gas in and under and that may be produced from said premises. Lessee shall execute in writing an instrument identifying and describing the pooled acreage. The entire acreage so pooled into a tract or unit shall be treated, for all purposes except the payment of royalties on production from the pooled unit, as if it were included in this lease. If production is had from this lease, whether the well or wells be located on the premises covered by this lease or not. In lieu of the royalties elsewhere herein specified, Lessor shall receive on production from a unit so pooled only such portion of the royalty stipulated herein as the amount of his acreage placed in the unit or his royalty interest therein on an acreage basis hears to the total acreage so pooled in the particular unit involved.

5. If operations for drilling are not commenced on said land or on acreage pooled therewith as above 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 or to the credit of Lessor

in First Bank of Childersburg Vincent Br. Bank at Childersburg Alabama (which bank and its successors are Lessor's agent and shall continue as the depository for all rentals payable bereunder regardless of changes in ownership of said land or the rentals) the sum of Eight Hundred Nineteen and 50/100

Dollars

(\$ 819.50 ), (herein called rental), which shall cover the privilege of deferring commencement of drilling operations for a period of twelve (12) months. In like manner and upon like payments or tenders annually the commencement of drilling operations may be further deferred for successive periods of twelve (12) months each during the primary term. The payment or tender of rental may be made by the check or draft of Lessee mailed or delivered to Lessor or to said bank on or before such date of payment. 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 or times 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.

6. If prior to discovery of oil, gas or other mineral on said land or on acreage pooled therewith Lessee should drill a dry hole or holes thereon, or if after discovery of oil, gas or other mineral, the production thereof should cease from any cause, this lease shall not terminate if Lessee commences additional drilling or reworking operations within 60 days thereafter or if it be within the primary term, commences or resumes the payment or tender of rentals or commences electations for drilling or reworking on or before the rental paying date next ensuing after the expiration of 60 days from date of completion of dry hole or cessation of production. If at any time subsequent to sixty (60) days prior to the beginning of the last year of the primary term and prior to the discovery of oil, gas or other mineral on said land, or on acreace pooled therewith, Lessee should drill a dry hole thereon, 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, oil, gas or other mineral is not being pruduced on said land, or on acreage pooled therewith, but Lessee is then engaged in drilling or reworking operations are prosecuted with so cessation of more than sixty (60) days prior to the end of the primary term, the lease shall remain in force so long as operations are prosecuted with so cessation of more than sixty (60) consecutive days, and if they result in the production of oil, gas or other mineral, so long thereafter as oil, gas or other mineral is produced from said land or acreage pooled therewith. In the event a well or wells producing oil or gas in paying quantities should be brought in on adjacent land and within one hundred fifty (150) feet of and draining the recursioness, or acreage pooled therewith, Lessee agrees to drill such offset wells as a reasonably prudent operator would drill under the same or similar circumstances.

7. Lassee 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 temove 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. Lessee shall be responsible for all damages spaced by Lessee's operations bereinder other than damages necessarily caused by the exercise of the rights herein granted.

8. The rights of either party hereunder may be assigned in whole or in part, and the provisions hereof shall extend to their heirs, successors and assigns; but no change or division in ownership of the land, tentals or revalties, however accomplished, shall operate to enlarge the obligations or diminish the rights of Lessee, and no change or division in such awared by shall be binding on Lessee until thirty (30) days after Lessee shall have been furnished by registered U. S. mail at Lessee's principal place of business with a certified copy of recorded instrument or instruments evidencing same. In the event of assignment bereaf in whole or in part liability for breach of any obligation hereinder shall rest exclusively upon the owner of this lease or of a portion thereof who commits such breach. In the event of the death of any person entitled to rentals bereunder. Lessee may pay or tender such rentals to the credit of the deceased or the estate of the deceased until such time as Lessee is furnished with proper evidence of the appointment and qualifications of an executor or administrator of the estate, or if there be none, then until Lessee is furnished with evidence satisfactory to it as to the heirs or devisees of the deceased, and that all delets of the estate have been paid. If at any time two or more persons be entitled to participate in the rental payable bereinder, Lessee may pay by tender said rental jointly to such persons or to their joint credit in the depository named berein; or, at Lessee's election, the proportionate part of said rental, to which each participant is entitled may be paid or tendered to him separately or to his separate credit in said depository; and payment or tender to any participant of the period the rentals hereunder shall maintain this lease as to such participant. In event of assignment of the lease as to a segregated portion of said land, the rentals payable hereunder shall be apportunable as between the teveral leavehold owners ratably according to the surface area of each, and delacit in pental payment by one shall not affect the rights of other leavels of owners becomeder. If ox or more parties become entitled to royalty hereunder, I were may willhold payment thereof unless and metal franched with a contable introment executed by all such parties designated; an agent to rereive per pent for all.

or as part save as herein expressly provided. If the obligation should receipt of written notices by Lessee from Lessor specifically stating the brea well or wells; and the only penalty for failure so to do shall be the torninal producing oil or gas, to be selected by Lessee so that each forty (40) acrin paying quantities on said premises. Lessee shall reasonably develop the be required to drill more than one well per forty (40) acres of the arquantities.  10. Lessor hereby warrants and agrees to defend the title to said lables upon said land, action in whole or in part, and acressed reatile and royalties accroing hereunder toward satisfying same. Withouts a feed that if Lessor owns an interest in smill land loss than the covered by this lesse (whether or not owned by lessor) shall be paid the covered by this lesse (whether or not owned by lessor) shall be paid out of 11. Should Lessee be prevented from complying with any express thereon or from producing oil or gas therefrom by reason of scarcity of conscious, or any Federal or state law or any order, the or regulation of go coverant shall be suspended, and Lessee shall not be liable in damages for Lessee is prevented by any such cause from conducting drilling or rework time while Lessee is so prevented shall not be counted against Lessee, anyth lesser described, in so far as said rights of homestead may in any we that the annual drilling deferment rental payments made to Lessor as her	or implied covenant of this lease, from conducting drilling or rewarking operations or inability to obtain or to use equipment or material, or by operation of force overnmental authority, then while so prevented, Lessie's obligation to comply with such or failure to comply therewith; and this lease shall be extended while and so long as king operations on or from producing oil or gas from the leased prenates, and the hing in this lease to the contrary notwithstanding.  I assigns, hereby surrenders and releases all rights of homestead in the premises way affect the purpose for which this lease is made as recited herein, and agreed rein provided will fully protect this lease as to the full interests of the undersigned ered on the date first above written
	(SEAL)
COUNTY OF SHELBY  NOLAN H. ROBERTSON  LYNDA E. FLOREY, a Widow	a Notary Public in and for said County, in said State, hereby certify that  AND Cayleen Embry, a
Widow	Whose name S CYP signed to the foregoing instrument, and
voluntarily on the day the same bears date.  Given under my hand and Official Seal, this	that, being informed of the contents of the instrument. The V. executed the same for Notary Public in another.  State-af-farge County
My Commission expersi 12-3-8	3 (ilanne
WIFE'S SEPAR	RATE ACKNOWLEDGMENT
on the day of 19	, a Notary Public in and for said County, in said State, do hereby certify the, came before me the within named, known to me to be the wife of the within named
signature to the within instrument, acknowledged that she signed the same	
of her husband.  Given under my hand and Official Seal, this	of A, D. 19
	Notary Public in and for
	County
No————————————————————————————————————	This instrument was filed for record on the  sy of  o'clock  When recorded return to  (Official Title)  By  When recorded return to

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STATE CEALA, SMELLLY CO.

J. CERTIEY, THIS

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EXHIBIT A

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Township 19 South, Range 2 East

Section 25: NE% of SE%

Township 18 South, Range 2 East

Section 14: Begin at the NW corner of the SW% of SW%; North along the Section line 2000 ft.; 90° East 2250 ft; SEly 380 ft; SEly 1450 ft; NEly 220 ft; NEly 100 ft; Southerly 450 ft; SEly 420 ft; SEly 230 ft. to creek; Southerly along West bank of said creek 480 ft; NWly 1000 ft; SWly 2480 ft. to the South line of Section; West along South line of Section 1040 ft; 90° North 1000 ft; 90° West 700 ft; 90° North 300 ft; 90° West 680 ft. to POB.

## Township 19 South, Range 2 East

Section 15: Begin at NW corner of NE% of NW%; East 380 ft to a point; South 210 ft; East 210 ft; North 210 ft; East 350 ft; South 150 ft; East 245 ft; South 150 ft; West 100 ft; SE 210 ft; West 137.45 ft. SE 404.7 ft; NE 120.3 ft; South 480 ft. more or less to South line of 1/4/4 section: West along said South line to SW corner; North along Western 1/4 section line to POB. Also: Begin at SW corner of NE%; North 1750 ft; SE 70 ft; SE 188 ft; NE 210 ftto SW R/W of Phillips Drive; South 301.98 ft; East 210 ft to SW R/W of Phillips Drive; South along said Drive 200 ft; East across Phillips Drive to a point; NE 170 ft; North 138.3 ft; NE 280 ft; NW 415.1 ft; SW 250 ft; NW 210 ft; NE 210 ft; NW 210 ft; SW 420 ft to Eastern R/W of Phillips Drive; North along said Drive 100 ft; NE 205 ft; NW 121 ft; North 110 ft; East 210 ft; South 90 ft; SE 91 ft; East 195 ft; North 150 ft; SE 300 ft; SE 425 ft more or less to 1/4 line; South along said 1/2 line 1080 ft; SW 590 ftto NE R/W of Phillips Drive; North along said Drive 70 ft; NE 420 ft; NW 210 ft; SW 420 ft to NE R/W of Phillips Drive; North along said Drive480 ft; NE 300 ft; SE 166.4 ft; NE 261.78 ft; NW 166.4 ft; SW 590 ft to SW R/W of Phillips Drive; South along said Drive 260 ft; SW 105 ft; SE 210 ft; NE 105 ft. to R/W of Phillips Drive; South along said Drive370 ft; SW 209 ft; SE 104 ft; Ne 210 ft to Phillips Drive; South along said Drive 215 ft to South line of 1/2 section; West 1300 ft. to POB.

SIGNED FOR IDENTIFICATION:

Lynda B. Florey

vers: Tation M. A. Jun