

OIL, GAS AND MINERAL LEASE

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THIS AGREEMENT made this 16 day of April 1980, between
Nathryn F. Brown and husband, George Brown

Lessor (whether one or more) whose address is: 3507 Belle Meade Way, Birmingham, Al. 35223
and Amoco Production Company, P.O. Box 50079, New Orleans, La. 70130

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 and all other minerals, laying
pipe lines, building roads, 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 Shelby County, Alabama, to-wit:

Township 10 South, Range 2 East

Section 21: NW 1/4 of SE 1/4
Section 22: NW 1/4 of NW 1/4 of NW 1/4 of SW 1/4 lying West of US Hwy 231
Section 24: NW 1/4 of SE 1/4 of NW 1/4 less a 66 ft. strip off the South end lying East of Hwy 473.
Section 34: NW 1/4 of SW 1/4 of SE 1/4; SE 1/4 of SE 1/4; NW 1/4 of SE 1/4 less the area lying South of US 230
and West of Wyatt Street.

Township 20 South, Range 2 East

Section 6: SW 1/4 of SE 1/4
Section 8: NW 1/4 of NW 1/4

Township 19 South, Range 3 East

Section 19: NW 1/4 of NW 1/4



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Shelby Cnty Judge of Probate, AL
05/14/1980 00:00:00 FILED/CERTIFIED

It is agreed and understood by and between the parties hereto that this lease does not
cover nor include coal, iron ore or other minerals mined by the open pit or shaft methods.

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 325 acres, whether there be more
or less, 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 oil, gas or other mineral is produced from said land or lands with which said land is pooled hereunder.

3. The royalties 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 thereof prevailing for the field where produced on the date of purchase, in either case such interest to bear its proportion of any expense of treat-
ing 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 by-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 minerals mined 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 herein-
after 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 there-
of, 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 gaseous 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, lease 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 op-
erate 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 found
on the pooled acreage, it shall be treated as 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 bears 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 National Bank, Mt. Brook Branch Bank at Mt. Brook, Alabama

(which bank and its successors are Lessor's agent and shall continue as the depository for all rentals payable hereunder regardless of changes in ownership
of said land or the rentals) the sum of Three Hundred Twenty Five and 40/100 Dollars

(\$ 325.00), (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 suc-
cessive 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 an-
other 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 de-
scribed premises and thereby surrender this lease as to such portion or portions and be relieved of all obligations as to the acreage surrendered, and there-
after 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 com-
mences operations 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 dis-
covery of oil, gas or other mineral on said land, or on acreage 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 min-
eral is not being produced on said land, or on acreage pooled therewith, but Lessee is then engaged in drilling or reworking operations thereon or shall have
completed a dry hole thereon within sixty (60) days prior to the end of the primary term, the lease shall remain in force so long as operations are prosecut-
ed with no 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 leased premises, 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. 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. Lessee shall be responsible for all
damages caused by Lessee's operations hereunder 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, rentals or royalties, however accomplished, shall operate to enlarge the obligations or diminish
the rights of Lessee; and no change or division in such ownership 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 hereof in whole or in part liability for breach of any obligation hereunder shall rest exclusively upon the owner of this lease or of a portion there-
of who commits such breach. In the event of the death of any person entitled to rentals hereunder, 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 debts of the estate have been paid. If at any time two or more persons be entitled to participate in the rental payable hereunder, Lessee may pay or
tender said rental jointly to such persons or to their joint credit in the depository named herein; 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 his portion of the rentals hereunder shall maintain this lease as to such participant. In event of assignment of this lease as to a segregated por-
tion of said land, the rentals payable hereunder shall be apportionable as between 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. If six or more parties become entitled to royalty here-
under, Lessee may withhold payment thereof unless and until furnished with a recordable instrument executed by all such parties designating an agent to re-
ceive payment for all.

9. The breach by Lessee of any obligation hereunder shall not work a forfeiture or termination of this lease nor be cause for cancellation hereof in whole or in part save as herein expressly provided. If the obligation should require the drilling of a well or wells, Lessee shall have ninety (90) days after the receipt of written notices by Lessee from Lessor specifically stating the breach alleged by Lessor within which to begin operations for the drilling of any such well or wells; and the only penalty for failure so to do shall be the termination of this lease save as to forty (40) acres for each well being worked on or producing oil or gas, to be selected by Lessee so that each forty (40) acre tract will embrace one such well. After the discovery of oil, gas or other mineral in paying quantities on said premises, Lessee shall reasonably develop the acreage retained hereunder, but in discharging this obligation it shall in no event be required to drill more than one well per forty (40) acres of the area retained hereunder and capable of producing oil, gas or other mineral in paying quantities.

10. Lessor hereby warrants and agrees to defend the title to said land and agrees that 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 right to enforce same and apply rentals and royalties accruing hereunder toward satisfying same. Without impairment of Lessee's rights under the warranty in event of failure of title, it is agreed that if Lessor owns an interest in said land less than the entire fee simple estate, then the royalties and rentals to be paid Lessor shall be reduced proportionately. Failure of Lessee to reduce rental paid hereunder shall not impair the right of Lessee to reduce royalties. All royalty interest covered by this lease (whether or not owned by lessor) shall be paid out of the royalty herein provided.

11. Should Lessee be prevented from complying with any express or implied covenant of this lease, from conducting drilling or reworking operations thereon or from producing oil or gas therefrom by reason of scarcity of or inability to obtain or to use equipment or material, or by operation of force majeure, or any Federal or state law or any order, rule or regulation of governmental authority, then while so prevented, Lessee's obligation to comply with such covenant shall be suspended, and Lessee shall not be liable in damages for failure to comply therewith; and this lease shall be extended while and so long as Lessee is prevented by any such cause from conducting drilling or reworking operations on or from producing oil or gas from the leased premises; and the time while Lessee is so prevented shall not be counted against Lessee, anything in this lease to the contrary notwithstanding.

12. The undersigned Lessor, for himself and his heirs, successors and assigns, hereby surrenders and releases all rights of homestead in the premises herein described, in so far as said rights of homestead may in any way affect the purpose for which this lease is made as recited herein, and agrees that the annual drilling deferment rental payments made to Lessor as herein provided will fully protect this lease as to the full interests of the undersigned.

In WITNESS WHEREOF, this instrument is signed, sealed and delivered on the date first above written

WITNESS:

Kathryn F. Brown (SEAL)
Kathryn F. Brown (SEAL)
S. S. # [REDACTED] (SEAL)

George Brown (SEAL)

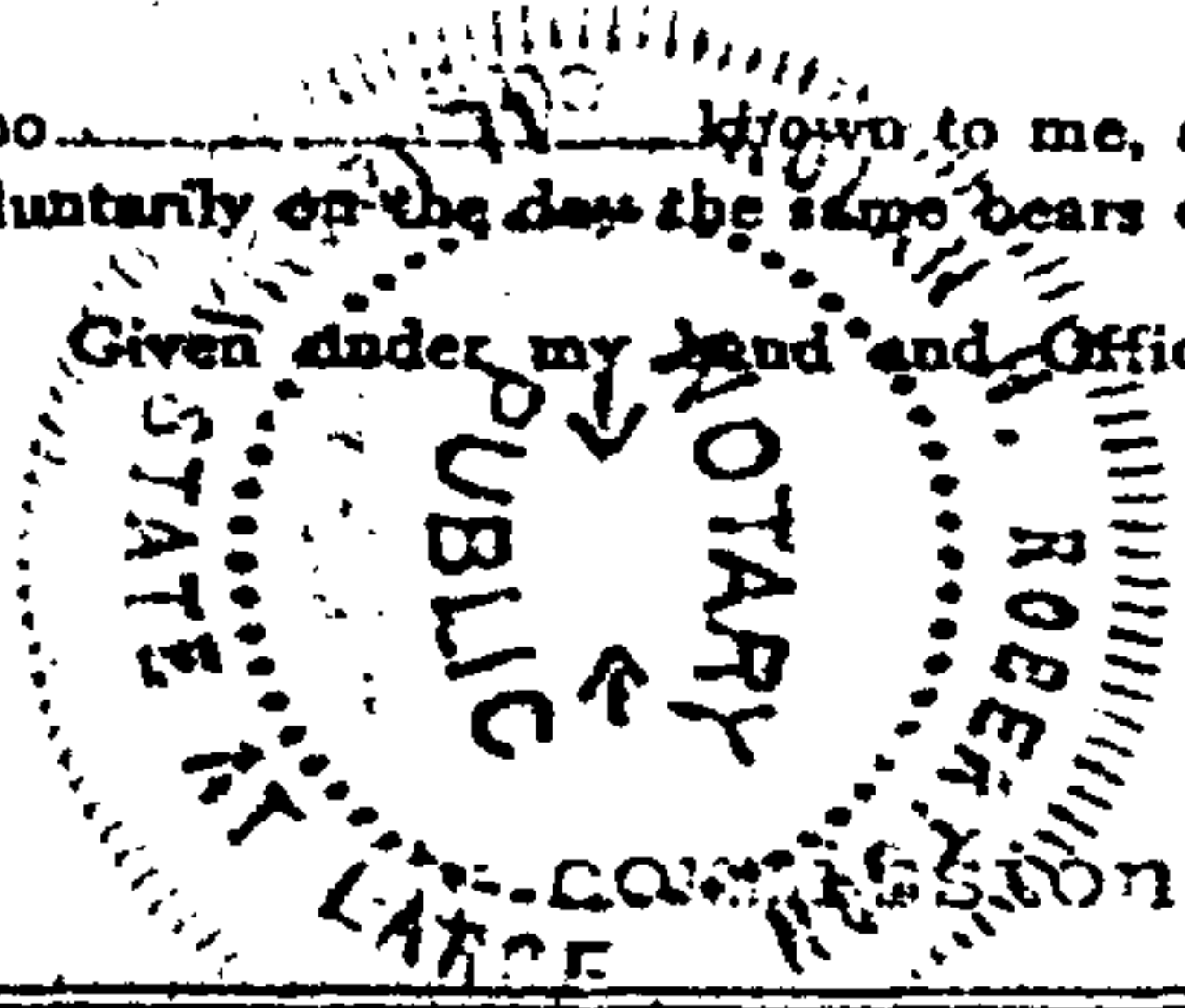
Lessor. (SEAL)

STATE OF ALA. SHELBY CO. Deed tax - 3.00
I CERTIFY THIS Mineral tax 16.25
INSTRUMENT WAS FILED Rec - 10.00
And - 1.00
302.5
1980 MAY 14 PM 1:26

19800514000053120 Pg 2/2 .00
Shelby Cnty Judge of Probate, AL
05/14/1980 00:00:00 FILED/CERTIFIED

BOOK 320 PAGE 370
STATE OF ALA. SHELBY CO. }
COUNTY OF SHELBY }
I, Nolan H. Robertson a Notary Public in and for said County, in said State, hereby certify that
Kathryn F. Brown and husband, George Brown

Whose name S are signed to the foregoing instrument, and
who known to me, acknowledged before me on this day, that, being informed of the contents of the instrument, he executed the same
voluntarily on the day the same bears date.
Given under my hand and Official Seal, this 18 day of April, A.D. 1980.
Nolan H. Robertson
Notary Public in and for
State of Alabama County, At-Large
My Commission expires: 12-3-83



WIFE'S SEPARATE ACKNOWLEDGMENT

STATE OF _____ }
COUNTY OF _____ }
I, _____, a Notary Public in and for said County, in said State, do hereby certify that
on the _____ day of _____, 19____, came before me the within named _____
_____, known to me to be the wife of the within named _____
_____, who being examined separate and apart from the husband, touching her
signature to the within instrument, acknowledged that she signed the same of her own free will and accord, and without fear, constraints or threats on the part
of her husband.
Given under my hand and Official Seal, this _____ day of _____, A. D. 19____.

Notary Public in and for _____

County, _____

Producers 88 Rev.	No.	Oil, Gas and Mineral Lease	FROM	TO	Dated _____, 19____	No. Acres _____	County, Alabama _____	This instrument was filed for record on the _____ day of _____, 19____, at _____ o'clock _____ M., and duly recorded in _____ of the _____ records of this office.	By _____ (Official Title)	When recorded return to _____
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