



1) Date: June 2, 1983
 2) Operator's Well No. 816-2
 3) API Well No. 47 - 087 - 3793
 State County Permit

DRILLING CONTRACTOR:

Unknown

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage / Deep / Shallow)
- 5) LOCATION: Elevation: 995' Watershed: Cox Fork
 District: Harper County: Roane Quadrangle: Peniel 7 1/2'
- 6) WELL OPERATOR Key Oil, Inc.
 Address P.O. Box 709
 Spencer, W.Va. 25276
- 7) OIL & GAS ROYALTY OWNER Arne E. Oas
 Address 286 Adrienne Place
 Newport News, Va. 23602
 Acreage 57.25
- 8) SURFACE OWNER Arne E. Oas
 Address 286 Adrienne Place
 Newport News, Va. 23602
 Acreage 57.25
- 9) FIELD SALE (IF MADE) TO:
 Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Homer H. Dougherty
 Address Linden Route, Box 3-A
 Looneyville, WV 25259
- 11) DESIGNATED AGENT Joe McLaughlin
 Address P.O. Box 709
 Spencer, W.Va. 25276
- 12) COAL OPERATOR None
 Address
- 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name None
 Address
- 14) COAL LESSEE WITH DECLARATION ON RECORD:
 Name None
 Address
- 15) PROPOSED WORK: Drill / Drill deeper / Redrill / Fracture or stimulate
 Plug off old formation / Perforate new formation
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, Marcellus Shale
- 17) Estimated depth of completed well, 5700 feet
- 18) Approximate water strata depths: Fresh, 200' 48" feet; salt, 700 feet.
- 19) Approximate coal seam depths: None Is coal being mined in the area? Yes / No

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 OIL & GAS DIVISION
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20) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor									
Fresh water	9 5/8	H-40	32.3	X		300' 550'	300' 550'	To surface	Kinds by Rule 15-25
Coal									Sizes
Intermediate	7	J-55	23	X		2,200'	2,200'	To surface	Depths set
Production	4 1/2	J-55	10.5	X		5,700'	5,700'	As needed	Perforations: Top Bottom
Tubing									
Liners									

21) EXTRACTION RIGHTS

Check and provide one of the following:

- Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

22) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or other continuing contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

23) Required Copies (See reverse side.)

24) Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

Notary: Charles Lewis Maxwell
 My Commission Expires November 9, 1992

Signed: Joe McLaughlin
 Its: President

47-087-3793

OFFICE USE ONLY
 DRILLING PERMIT

August 8, 1983

Permit number 47-087-3793

09/15/2023

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. Notification must be given to the District Oil and Gas Inspector. (Refer to No. 10) Prior to the construction of roads, locations and pits for any permitted work. In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

Permit expires April 8, 1984

unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: B	Agent: <u>LO</u>	Plat: <u>AL</u>	Casing: <u>AL</u>	Fee: 331
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Michael J. Lewis
 Administrator, Office of Oil and Gas

Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
 - (1) A brief description of the tract of land including the district and county wherein the tract is located;
 - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
 - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
 - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code §22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code §22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code §22-4-12a, and (v) if applicable, the consent required by Code §22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.
- 24) The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19_____

By _____

Its _____

09/15/2023



Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

DATE July 8, 1982
WELL NO. Oas Well #2
API NO. 47-087 - 3793
State of West Virginia

COMPANY NAME Key Oil, Inc.

Address P.O. Box 709, Spencer, W. Va. 25276

Telephone 304-927-5490

LANDOWNER Arne F. & Judith Oas

SOIL CONS. DISTRICT Little Kanawha

Revegetation to be carried out by Key Oil, Inc. (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 7-12-82

(Date)

James H. Newton
(SCD Agent)

ACCESS ROAD

(A) Structure Cross Drains

Spacing 135'

Page Ref. Manual 2-4

(B) Structure Culvert

Spacing 50 acres 24", 10 acres 15"

Page Ref. Manual 2-8

(C) Structure Drainage Ditch

Spacing

Page Ref. Manual 2-15

LOCATION

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

OIL & GAS DIVISION
DEPT. OF MINES

Treatment Area I & II

Lime Tons/acre or correct to pH 6.5

Fertilizer lbs/acre 500 (10-20-20 or equivalent)

Mulch Silva-fiber Tons/acre

Seed* Ky. 31 Tall Rescue 30lbs/acre

Crownvetch 10 lbs/acre

lbs/acre

*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount.

NOTES: Please request landowner cooperation to protect new seeding for one growing season. Attach separate sheets as necessary for comments.

PLAN PREPARED BY Key Oil, Inc.
Doug McDonald

ADDRESS P.O. Box 709
139 Main Street
Spencer, West Virginia
PHONE NO. 304-927-5490

Lime Tons/acre or correct to pH
Fertilizer lbs/acre (10-20-20 or equivalent)
Mulch Tons/acre
Seed* lbs/acre
lbs/acre

Treatment Area II

Page Ref. Manual 2-10

Material

(3) Structure Diversion Ditch

Page Ref. Manual N/A

Material Stone

(2) Structure Rip-Rap

Page Ref. Manual

Material

(1) Structure

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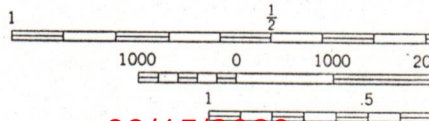


186000 FEET

2730'

Maped, edited, and published by the Geological Survey
 Control by USGS, USC&GS, and U. S. Soil Conservation Service
 Topography from aerial photographs by photogrammetric methods
 Aerial photographs taken 1956. Field check 1957
 Polyconic projection. 1927 North American datum
 10,000-foot grid based on West Virginia coordinate system,
 South zone
 1000-meter Universal Transverse Mercator grid ticks,
 Line 17, shown in blue
 Red dashed lines indicate selected fence and field lines where
 generally visible on aerial photographs. This information is unchecked
 Unlabeled wells are oil wells

087-3793



09/15/2023

3°
 TRUE NORTH
 MAGNETIC NORTH
 APPROXIMATE MEAN DECLINATION, 1959

THIS MAP COMPLIES WITH
 FOR SALE BY U. S. GEOLOGICAL SURVEY
 A FOLDER DESCRIBING TOPOGRAPHY

1" = 2000'

A-8

THIS ASSIGNMENT, made as of the 7th day of June, 1983, by and between M & J JOINT VENTURE, a partnership, party of the first part, hereinafter sometimes referred to as "Assignor," and KEY OIL, INC., a Delaware corporation, party of the second part, hereinafter sometimes referred to as "Assignee";

WHEREAS, Assignor has agreed to assign, sell, transfer and convey to Assignee, all of Assignor's right, title, interest and estate in and to all those certain oil and gas lease agreements and the leasehold estates created thereby, covering or affecting properties situate in Roane County, West Virginia, which are more particularly described in Exhibit "A", appended hereto and incorporated by reference as a part hereof;

WHEREAS, Assignee has agreed to take and accept all of Assignor's right, title, interest and estate in and to the aforesaid oil and gas lease agreements and the leasehold estates created thereby as aforesaid,

NOW, THEREFORE, WITNESSETH, that for and in consideration of the sum of Ten Dollars (\$10.00), cash in hand, paid by Assignee to Assignor, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign and transfer to Assignee, subject to the terms and conditions hereinafter set forth, all of its right, title and interest in and any estate created by all those certain oil and gas lease agreements which are more particularly described in Exhibit "A", appended hereto and incorporated as a part hereof.

This Assignment is on and subject to the following terms and conditions:

(1). Assignee agrees to faithfully and promptly perform all the terms and conditions of said agreement to be performed by Assignor and further agrees to indemnify and hold Assignor harmless from and against any and all claims, suits and demands arising out of our caused by Assignee's failure to perform the same.

(2). Assignee shall reclaim all surface area damaged by Assignee's operations in accordance with West Virginia State laws, and agrees to indemnify and hold harmless Assignor with respect to surface damage and environmental disturbances caused by Assingee's operations.

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DEPT. OF MINES

(3). Assignor hereby excepts and reserves an overriding royalty with respect to each tract or parcel affected hereby equal in amount to three and one-half percent (3-1/2%) of all the oil and gas produced and saved from all wells drilled thereon by the Assignee. Such overriding royalty payments shall be made monthly to Assignor at its address of P.O. Box 727, Spencer, West Virginia 25276.

(4). Any renewals or extensions of the assigned leases, whether by either party, shall be subject to the same terms and conditions as if they were a part hereof.

(5). This Assignment is executed in duplicate, each copy of which shall for all purposes be treated as an original and shall be binding on the parties hereto, their successors and assigns.

WITNESS the following signatures and seals:

M & J JOINT VENTURE

By: Joe M. Laughlin
Joe McLaughlin, Partner

ATTEST:

KEY OIL, INC.

By: Joe M. Laughlin
Joe McLaughlin
Its President

State of West Virginia
County of Roane, To-Wit:

The foregoing instrument was acknowledged before me this 7th day of June, 1983, by Joe McLaughlin, a partner of M & J JOINT VENTURE, a partnership, on behalf of the partnership.

MARCH 1, 1986
My Commission Expires:

Richard G. Ryan
Notary Public

State of West Virginia
County of Roane, To-Wit:

The foregoing instrument was acknowledged before me this 7th day of June, 1983, by Joe McLaughlin, President of Key Oil, Inc., a corporation, on behalf of the corporation.

MARCH 1, 1986
My Commission Expires:

Richard G. Ryan
Notary Public

09/15/2023

This instrument prepared by :

M & J JOINT VENTURE
P.O. Box 727, Spencer, W.Va. 25276

<u>LEASE #</u>	<u>ACRES</u>	<u>LESSOR</u>	<u>LESSEE</u>	<u>DATED</u>	<u>DESCRIPTION</u>	<u>RECORDED-BOOK/PAGE</u>
217	178	Gall M. Davis, Widow	M & J JOINT VENTURE	Oct. 15, 1981	Curtis District	160-674
231	78	Joseph W. Hill & Lois Hill, his wife Becca J. Griger, Single Charles W. Hill, Jr. & Betty Jo Hill, his wife	M & J JOINT VENTURE	Dec. 16, 1981 Dec. 16, 1981 Nov. 17, 1981	Harper District	163-151 162-69 162-87
249	130	Edna B. Workman John W. Beard & Evelyn Bread, his wife Earl A. Beard & Germaine Beard, his wife Gladys France, Single Garnet Beard, Single Garland C. Moore & Dorla Moore, his wife March Wisely & Richard Wisely, her husband Walter W. Melton & Myrtle Melton, his wife Mavis Asbury & Tandy Asbury, her husband Kenneth Hunt & Janice Hunt, his wife Edison M. Beard & Pauline Beard, his wife Nettie Hubbard & S. L. Hubbard, her husband Paul Harper, single Owen Hunt & Ellen Hunt Gypsy Taylor, Widow Effie Beard, Widow June Chandler & Melvin R. Chandler, her husband Noel Beard, single Carl Beard & Cleidith Beard, his wife Roy Harper, Widower Arla Mae Marshall & Owen Marshall John F. Ryan & Tressie V. Ryan, his wife Donald L. Taylor & Elizabeth Lee Taylor Clyde Edwards, widower Kenneth Harper, single Elizabeth Shanks & Phillip Shanks Donald E. Harper & Janet Harper Don E. Harper & Janet Harper	M & J JOINT VENTURE	Mar. 29, 1982 Mar. 29, 1982 Apr. 20, 1982 Apr. 20, 1982 Mar. 29, 1982 Feb. 16, 1982 Apr. 20, 1982 Feb. 1, 1982 Jan. 18, 1982 Jan. 18, 1982 Jan. 18, 1982 Jan. 18, 1982 Jan. 18, 1982 Jan. 18, 1982 Jan. 18, 1982 Jan. 18, 1982 Jan. 18, 1982 Jan. 18, 1982 Jan. 18, 1982 Mar. 24, 1982 Jan. 18, 1982 Jan. 18, 1982 Jan. 18, 1982 Apr. 20, 1982 July 2, 1982 July 2, 1982	Harper District	165-119 165-117 166-85 166-83 165-115 164-159 166-303 163-123 163-141 163-143 163-125 163-129 163-127 163-133 163-131 163-135 163-145 163-137 163-139 163-647 163-645 165-29 163-405 163-409 163-407 166-622 169-169 169-167
136	106	Dennis Cox & Ann Cox, his wife Fay Henerson & Craig Henerson, her husband Oral Cox & Barbara P. Cox, his wife Mrs. Herbert Cox, widow	M & J JOINT VENTURE	Nov. 17, 1981 Nov. 17, 1981 Nov. 17, 1981 Nov. 17, 1981	Harper District	163-449 161-487 161-435 161-451

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<u>LEASE #</u>	<u>ACRES</u>	<u>LESSOR</u>	<u>LESSEE</u>	<u>DATED</u>	<u>DESCRIPTION</u>	<u>RECORDED-BOOK/PAGE</u>
600	110	Clarence McKown, widower Gene E. Potts & Carolyn F. Potts, her husband	M & J JOINT VENTURE	Feb. 8, 1982 Feb. 8, 1982	Spencer District	163-651 163-651
644	15	George Moffatt & Gertude Moffatt, her husband Maysel I. Harper Conley & O. M. Conley, his wife Donald E. Harper & Eilene F. Harper, his wife	M & J JOINT VENTURE	Apr. 15, 1982 June 30, 1982 May 17, 1982	Harper District	165-536 167-570 167-568
661	28	James W. Board & Imogene D. Board, husband/wife	M & J JOINT VENTURE	May 12, 1982	Spencer District	166-315
316	58	Arne E. Oas & Judy Oas, his wife	M & J JOINT VENTURE	Jan. 27, 1982	Harper District	163-447

09/15/2023

13. This lease embodies the entire contract and agreement between Lessor and Lessee. No warranties, representations, promises or inducements not herein expressed have been made or relied upon by either party. Terms, conditions and stipulations hereof shall extend to the respective heirs, executors, administrators, successors and assigns of the parties hereto.

BOOK 163 PAGE 448

Witness the hands and seals of the parties hereto the day and year first above written.

WITNESS:

[Handwritten signature]
[Handwritten signature]
HILDON CITY, VIRGINIA
NOTARY PUBLIC
1982
(SEAL)

WEST VIRGINIA ACKNOWLEDGMENT

STATE OF WEST VIRGINIA }
COUNTY OF Putnam } To-wit:
I, Arne E. Oas, a Notary Public of said County, do hereby certify that Arne E. Oas and Judy Oas, his wife.
whose name Arne E. Oas signed to the within writing bearing date the 27th day of January, 1982
has Arne E. Oas this day acknowledged the same before me in my said County.
Given under my hand this 5 day of February, 1982
Arne E. Oas
Notary Public
My Commission expires Nov 1983

WEST VIRGINIA ACKNOWLEDGMENT

STATE OF WEST VIRGINIA }
COUNTY OF _____ } To-wit:
I, _____, a Notary Public of said County, do hereby certify that _____
whose name _____ signed to the within writing bearing date the _____ day of _____, 19____
has _____ this day acknowledged the same before me in my said County.
Given under my hand this _____ day of _____, 19____

Notary Public
My Commission expires _____

OHIO ACKNOWLEDGMENT

STATE OF OHIO, }
COUNTY OF _____ } SS.
Before me, a Notary Public in and for said county, personally appeared the above named _____
_____ who acknowledged
that he _____ did sign the foregoing instrument, and that the same is _____ free act and deed. In testimony
whereof I have hereunto subscribed my name at _____, this _____
day of _____, 19____.
My Commission expires _____

Notary Public

ADMITTED TO RECORD

1982 FEB 16 PM 1:31
[Handwritten signature]
GENE M. ASHLEY
ROANE COUNTY COMMISSION CLERK
W. VA.

RECORDING DATA:
Date _____
Acres _____
Location _____
County _____ State _____
Term _____
TO
Oil and Gas Lease
M & J JOINT VENTURE
(Standard Ohio & W. Va.)
09/15/2023

STATE OF WEST VIRGINIA, ROANE COUNTY COMMISSION CLERK'S OFFICE, W. Va. February 1982 1:31 M.

Book No. 163

The foregoing instrument together with the certificate thereto annexed, was this date admitted to record in said office.

File No. 12930

Fees \$ 11.50

GENE M. ASHLEY, Clerk
By Carolyn Conner, Deputy

OIL AND GAS LEASE

Lease No. 816

AGREEMENT, made and entered into this 27th day of January A.D. 1982 by and between Arne E. Oas and Judy Oas, his wife.

of Newport News, Virginia 23602 party of the first part, hereinafter called Lessor (whether one or more), and M & J JOINT VENTURE, A Partnership party of the second part, hereinafter called Lessee;

1. WITNESSETH: That the Lessor, in consideration of the sum of One Dollar, the receipt of which is hereby acknowledged, and the covenants and agreements hereinafter contained, does hereby grant unto the Lessee all of the oil and gas and all of the constituents of either in and under the land hereinafter described, together with the exclusive right to drill for, produce and market oil and gas and their constituents and of storing gas of any kind in any formation underlying the land, and also the right to enter thereon at all times for the purpose of drilling and operating for oil, gas and water, laying pipe lines, erecting tanks, machinery, powers and structures, and to possess, use, and occupy so much of said premises as is necessary and convenient for said purposes and to convey the above

named products therefrom and thereto by pipe lines or otherwise; said land being situate in Harper District, County of Roane, State of West Virginia, and described as follows, to-wit: Bounded on the

NORTH by lands of Being the same tract of land as described in Deed

EAST by lands of Book 258 at Page 305 in the Roane County Courthouse,

SOUTH by lands of

WEST by lands of

On Waters of

Containing fifty-eight (58) acres, more or less.

2. It is agreed that this lease shall remain in force for a primary term or two (2) years from this date and as long thereafter as operations for oil or gas are being conducted on the premises, or oil or gas is found in paying quantities thereon.

3. The Lessee shall deliver to the credit of the Lessor free of cost, in the pipe line to which he may connect his wells, the equal one-eighth (1/8) part of all oil produced and saved from the leased premises, and shall pay Lessor their proportionate share of the equal one-eighth (1/8) of all gas produced and saved from the leased premises for all gas and casing head gas produced and sold from the premises, payable monthly; provided, Lessee shall pay Lessor a royalty at the rate of Fifty Dollars per year on each gas well while, through lack of market, gas therefrom is not sold or used off the premises, and while said royalty is so paid said well shall be held to be a paying well under paragraph 2 hereof.

4. The Lessee shall commence operations for a well on the premises on or before January 27, 1982, unless Lessee pays thereafter a rental of \$5.00 per acre per year for each 12 months that operations are delayed from the time above mentioned. The consideration first recited herein, the down payment, shall cover not only the privilege granted to the date when first said rental is payable as aforesaid, but also the Lessee's option of extending that period as aforesaid, and any and all other rights conferred. The drilling of a non-productive well shall be accepted by the Lessor in lieu of delay rental for a period of one year after its completion, and following the exhaustion or abandonment of all wells the Lessee shall have the right for a period of one year to resume the payment of delay rental or commence operations for another well. Upon the resumption of payment of rentals the provisions hereof governing such payment and the effect thereof shall continue in force as though they not been interrupted.

5. All moneys coming due hereunder shall be paid or tendered to Arne E. Oas, 286 Adrienne Place, Newport News, Virginia 23602 direct, or by check payable to his (or her) order mailed to Newport News, Virginia 23602 and no default shall be declared against the Lessee by the Lessor for failure of the Lessee to make any payment or perform any conditions provided for herein unless the Lessee shall refuse or neglect to pay or perform the same for ten days after having received written notice by registered mail from the Lessor of his intention to declare such default.

6. Lessor reserves 200,000 cubic feet of gas per annum for domestic use, to be taken through his own appliances at any producing gas well, and agrees to pay Lessee a fair domestic rate for any gas used in excess thereof. Lessor further covenants and agrees that his taking and use of gas shall be wholly at his own risk, the Lessee not to be held liable for any accident or damage caused thereby, nor shall Lessee be liable for any shortage or failure in the supply of gas for said domestic use.

7. If said Lessor owns a less interest in the above described land than the undivided fee simple estate therein, then the royalties and rentals herein provided shall be paid the Lessor only in the proportion which his interest bears to the whole and undivided fee.

8. No well may be drilled nearer than 200 feet to the house or barn now on said premises without the written consent of Lessor. Lessee shall have and enjoy all rights and privileges necessary and convenient for the proper use and development of this lease, and shall have the right to use, free of cost, gas, oil and water produced on said land for its operations thereon, except water from wells of Lessor. Lessee shall also have the right at any time to remove all or any part of the machinery, fixtures or structures placed on said premises, including the right to draw and remove casing. Lessee shall pay for damages caused by its operations to growing crops on said lands, and, when requested by Lessor, shall bury its pipe lines below plow depth.

9. The interest or estate of either party hereto may be assigned, the privilege of assigning in whole or in part being expressly allowed. In event this lease shall be assigned as to any part or parts of the above described land and the assignee or assignees of such part or parts shall fail or make default in the payment of the proportionate part of the rents due from him or them, such default shall not operate to defeat or affect this lease insofar as it covers a part or parts of said land upon which the said Lessee or any assignee thereof shall make due payment of said rental. No change of ownership in the land or in the rentals or royalties shall be binding on the Lessee until after notice to the Lessee and it has been furnished with a written transfer or assignment or a certified copy thereof.

10 At any time, Lessee its successors or assigns, shall have the right to surrender this lease or any part thereof for cancelation, after which all payments and liabilities hereunder thereafter shall cease and determine, and if the whole is surrendered, then this lease shall become absolutely null and void. This surrender may be made to the Lessor, or if more than one Lessor, then to any one of them, or the heirs or assigns of any one of them by delivery of a duly executed surrender thereof in person or by mail addressed to the post office address of such person, or by recording a duly executed surrender thereof in the Recorder's office of the County in which the land is located.

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, discharge or redeem 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 any royalty or rentals accruing hereunder to the discharge of any such taxes, mortgages or other liens.

12. It is expressly agreed that if the Lessee shall commence drilling operations at any time while this lease is in force, it shall remain in force and its terms continue so long as such operations are prosecuted, and if production results therefrom, then as long as production continues. If after the expiration of the term of this lease production from the leased premises shall cease from any cause, this lease shall not terminate provided Lessee resumes operations within sixty 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 oil or gas is produced in paying quantities.

09/15/2023

This instrument prepared by M & J JOINT VENTURE, Spencer, W.Va.

Handwritten notes: A-9, 087-3793

Handwritten initials: JMO, Jto

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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION
STATUS INSPECTION REQUEST
INSPECTOR'S COMPLIANCE REPORT

Permit No. 087-3793 County. Roane
Company. Key Oil, Inc. Farm. Arne E. Oas
Inspector. Homer Dougherty Well No. 816-2
Date. September 19, 1984 Issued. 8-8-83

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to starting Work	_____	_____
25.04	Prepared before Drilling to prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strength	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to prevent Waste	_____	_____
23.03	Reclaimed Drilling Site	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
7.03	Identification Markings	_____	_____

RECEIVED
FEB 18 1985
OIL & GAS DIVISION
DEPT. OF MINES

COMMENTS: Please issue final on cancellation if location is okay. Permit
expired on 4-8-84 and company says well was not drilled.

I have inspected the above well and ~~(Have/Have Not)~~ found it to be in compliance with all of the rules and regulations of the Office of Oil and Gas-Department of Mines of the State of West Virginia.

SIGNED: Homer H. Dougherty
DATE: 2/13/85

09/15/2023

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State of West Virginia

Department of Mines
Oil and Gas Division
Charleston 25305

THEODORE M. STREIT
ADMINISTRATOR

BARTON B. LAY, JR.
DIRECTOR

February 19, 1985

Key Oil Company
P. O. Box 709
Spencer, WV 25276

In Re: Permit No:	<u>47-087-3793</u>
Farm:	<u>Arne E. Oas</u>
Well No:	<u>816-2</u>
District:	<u>Harper</u>
County:	<u>Roane</u>
Issued:	<u>8-8-83</u>

Gentlemen:

The FINAL INSPECTION REPORT for the above captioned well has been received in this office. Only the column checked below applies:

XXXXX The well designated by the above captioned permit number has been released under your Blanket Bond. (PERMIT CANCELLED - NEVER DRILLED)

Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above captioned well will remain under bond coverage for life of the well.

Very truly yours,

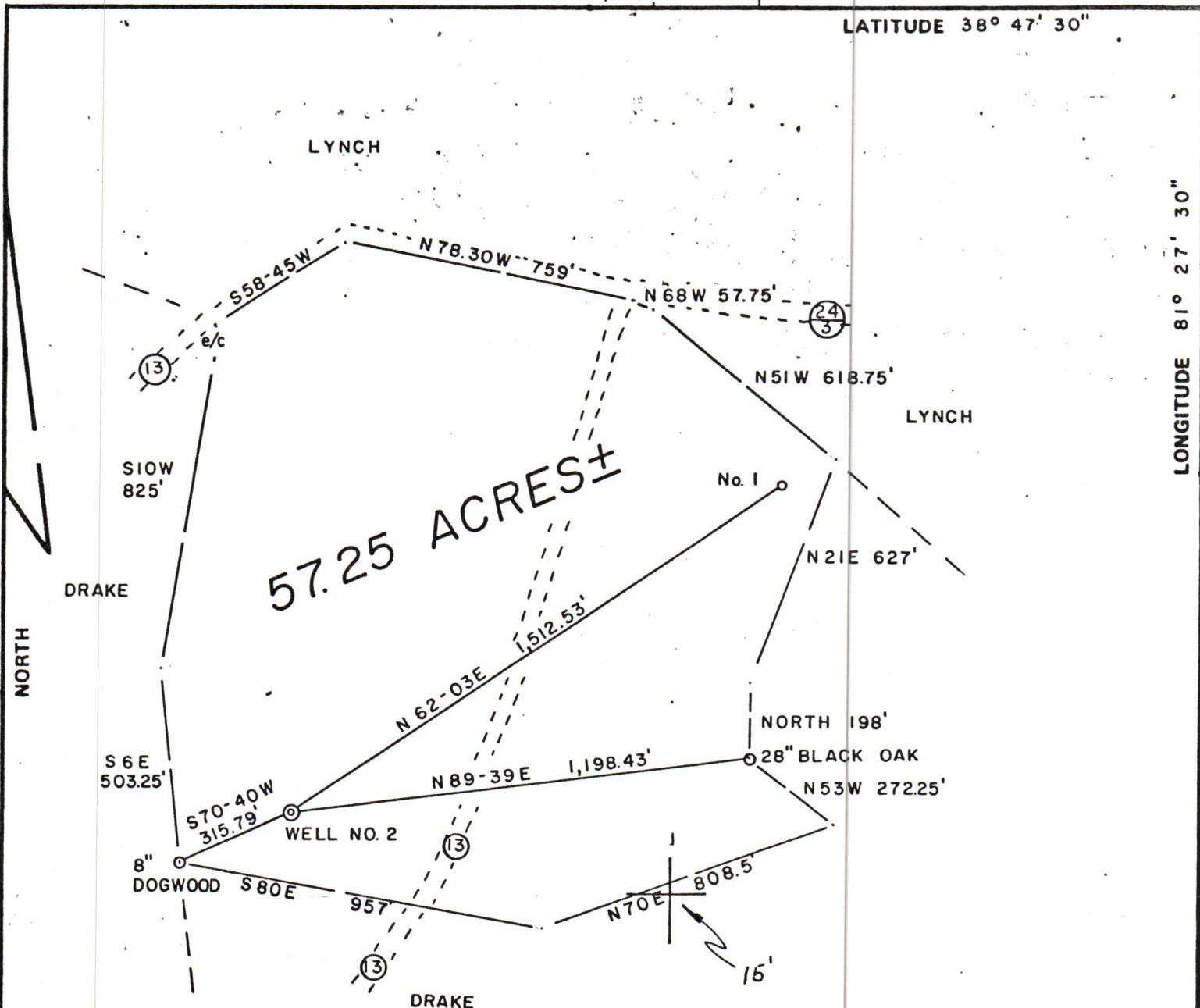
Theodore M. Streit, Administrator
Dept. Mines-Office of Oil & Gas

TMS/nw

09/15/2023

LATITUDE 38° 47' 30"

LONGITUDE 81° 27' 30"



OAS LEASE WELL NO. 2

FILE NO. 7-15
 DRAWING NO. _____
 SCALE 1" = 400'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION B.M. ELEV. 1075'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
 (SIGNED) Gregory A. Smith
 R.P.E. _____ L.L.S. 677



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FORM IV-6 (8-78)



DATE APRIL 9, 19 82
 OPERATOR'S WELL NO. 2
 API WELL NO. _____
47 - 087 - 3793
 STATE COUNTY PERMIT
Cancelled

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 995' WATER SHED COX FORK
 DISTRICT HARPER COUNTY ROANE
 QUADRANGLE PENIEL 7.5'

SURFACE OWNER ARNE E. & JUDITH OAS ACREAGE 57.25'
 OIL & GAS ROYALTY OWNER ARNE E. & JUDITH OAS LEASE ACREAGE 57.25'
 LEASE NO. 816

09/15/2023

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION MARCELLUS ESTIMATED DEPTH 5200'
 WELL OPERATOR KEY OIL, INC. DESIGNATED AGENT JOE McLAUGHLIN
 ADDRESS P.O. BOX 709 ADDRESS P.O. BOX 709
SPENCER, W.V. 25276 SPENCER, W.V. 25276