

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

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE _____

LEGEND










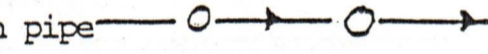

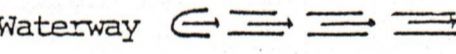
Well Site 

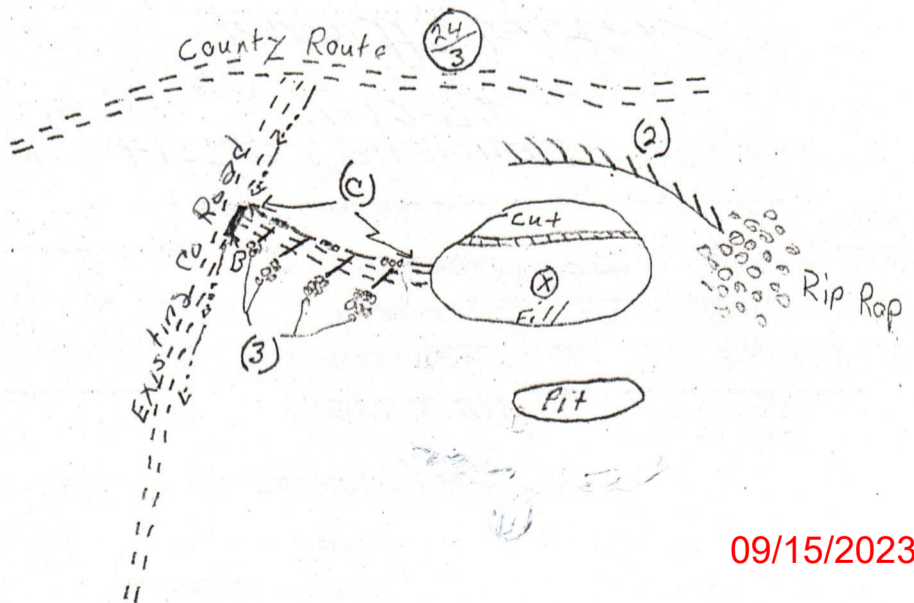
Access Road 

WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, wellsite, drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 



09/15/2023

2023/15/60

State of West Virginia Department of Mines Oil and Gas Division
WELL NO. Gas Well #1 DATE July 8, 1982
API NO. 47-87 - 3846



CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Key Oil, Inc. DESIGNATED AGENT Joe McLaughlin
Address P.O. Bx. 709, Spencer, W. Va. 25276
Telephone 304-927-5490
LANDOWNER Arne Oas
Address P.O. Bx. 709, Spencer, W. Va. 25276
Telephone 304-927-5490
SOIL CONS. DISTRICT Little Kanawha
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)
Janet Peterson (SCD Agent)

ACCESS ROAD

(A) Structure Cross Drains

Spacing 135'

Page Ref. Manual 2-4

(B) Structure Culvert

Spacing 15" Culvert for 10 acre

Page Ref. Manual 2-8

(C) Structure Drainage Ditch

Spacing

Page Ref. Manual 2-15

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 (10-20-20 or equivalent) 500

Mulch Silva-fiber Tons/acre 30

Seed* Ky. 31 Tall Fescue lbs/acre 10

Crownvetch lbs/acre

lbs/acre

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

Treatment Area II

Lime Tons/acre or correct to pH

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

Mulch Tons/acre

Seed* lbs/acre

lbs/acre

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

PLAN PREPARED BY Key Oil, Inc. Doug McDonald

ADDRESS P. O. Box 709

139 Main Street

Spencer, West Virginia

25276

PHONE NO. 304-927-5490

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

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

DM 110 fto

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 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.

09/15/2023

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.

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

13. This lease embodies the entire contract and agreement between Lessor and Lessee, and no warranties, representations, promises or inducements not herein expressed have been made or relied upon by either party. The 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]
[Notary Seal: HELDON CITY, WEST VIRGINIA]

WEST VIRGINIA ACKNOWLEDGMENT

STATE OF WEST VIRGINIA

COUNTY OF Putnam

To-wit:

I, Arnie E. Oas and Judy Oas, his wife. a Notary Public of said County, do hereby certify that

whose name Arnie E. Oas signed to the within writing bearing date the 27th day of January, 1982

has Arnie E. Oas this day acknowledged the same before me in my said County.

Given under my hand this 5 day of February, 1982

My Commission expires Nov 11 1983 *[Signature]* Notary Public

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_____

My Commission expires _____ Notary Public

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
[Signature]
GENE M. ASHLEY
ROANE COUNTY COMMISSIONER
W. VA.

Term	_____
County	_____
Location	_____
Acres	_____
Date	_____
TO	_____
TO	_____

09/15/2023

STATE OF WEST VIRGINIA, ROANE COUNTY COMMISSION CLERK'S OFFICE, 16 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 [Signature] Deputy

B-11



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>47-087-3846</u>
Farm:	<u>Arne E. Oas</u>
Well No:	<u>816-1</u>
District:	<u>Harper</u>
County:	<u>Roane</u>
Issued:	<u>8-10-83</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

B-12

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

Permit No. 087-3846 County. Roane
Company. Key Oil, Inc. Farm. Arne E. Oas
Inspector. Homer Dougherty Well No. 816-1
Date. September 20, 1984 Issued. 8-10-83

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 4-10-84 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

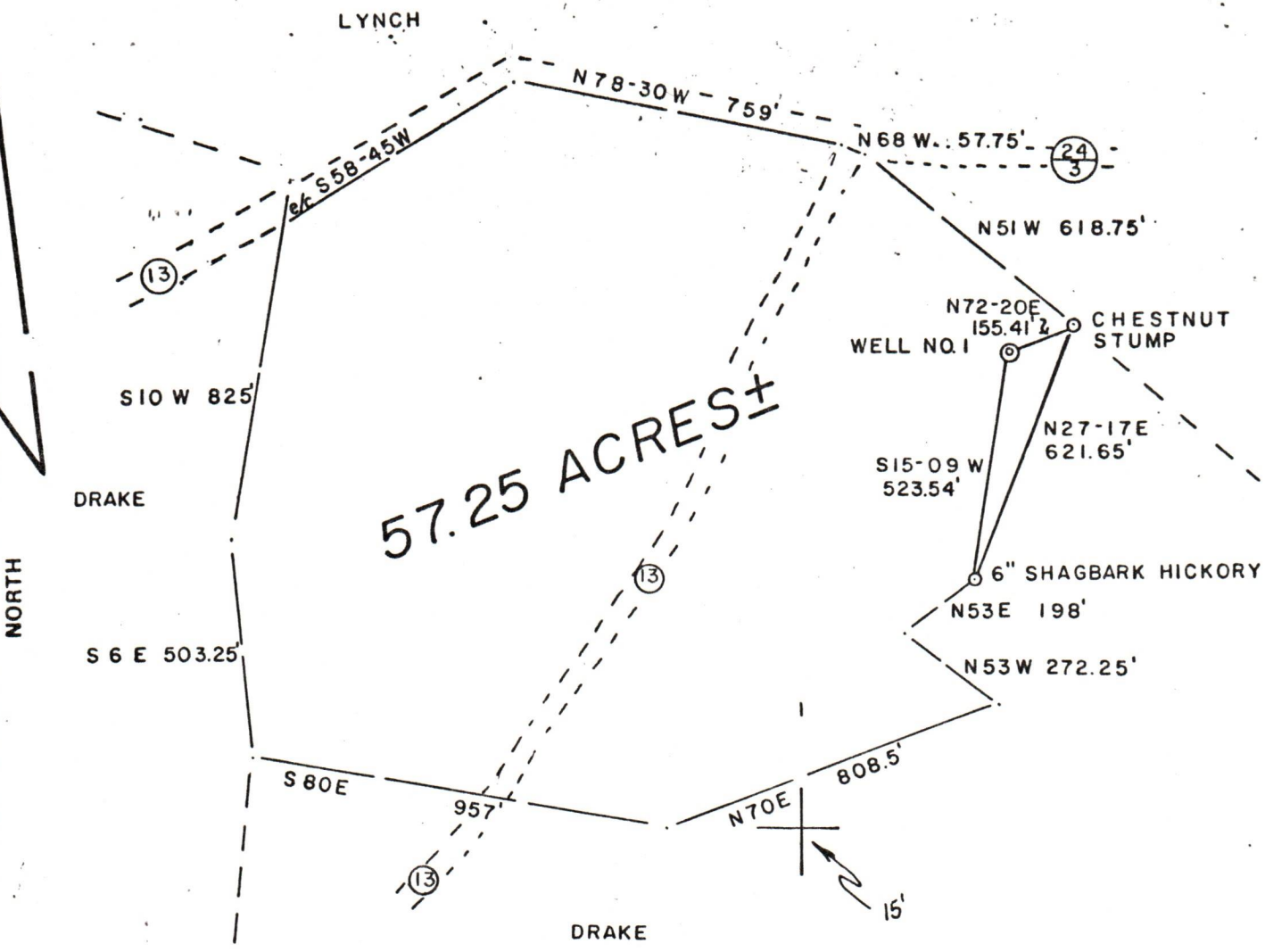
09/15/2023

RECEIVED
SEP 14 1963
DIVISION OF MINES
DEPT. OF MINES

09/15/2023

LATITUDE 38° 47' 30"

LONGITUDE 81° 27' 30"



57.25 ACRES ±

OAS LEASE WELL NO. 1

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

GREGORY A. SMITH
 LICENSED SURVEYOR
 No. 00
 STATE OF WEST VIRGINIA
 PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 FORM IV-6 (8-78)



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE APRIL 9, 19 82
 OPERATOR'S WELL NO. 1
 API WELL NO. _____
47 - 087 - 3846
 STATE COUNTY PERMIT
cancelled

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 1150' 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 **09/15/2023**
 LEASE NO. 816
 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 5350'
 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