



1) Date: _____, 19____
 2) Operator's Well No. 217-1
 3) API Well No. 47 - 87 - 3805
 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 X /
 B (If "Gas", Production X / Underground storage _____ / Deep _____ / Shallow X /)
- 5) LOCATION: Elevation: 964' Watershed: Left fork of Reedy Creek
 District: Curtis County: Roane Quadrangle: Peniel 7.5
- 6) WELL OPERATOR Key Oil, Inc. 11) DESIGNATED AGENT Joe McLaughlin
 Address P.O. Box 709 Address P.O. Box 709
Spencer, WV 25276 Spencer, WV 25276
- 7) OIL & GAS ROYALTY OWNER Gail M. Davis 12) COAL OPERATOR None
 Address Rt. 1 Box 99 Address _____
Spencer, WV 25276
 Acreage 178
- 8) SURFACE OWNER Same 13) COAL OWNER(S) WITH DECLARATION ON RECORD:
 Name None
 Address _____
 Name _____
 Address _____
- 9) FIELD SALE (IF MADE) TO:
 Address _____
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Homer H. Dougherty
 Address Linden Rt., Box 3-A
Looneyville, WV 25259
- 15) PROPOSED WORK: Drill X / 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, 5,700' feet
- 18) Approximate water strata depths: Fresh, 200' feet; salt, 700' feet.
- 19) Approximate coal seam depths: None Is coal being mined in the area? Yes _____ / No X /

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 JUN - 8 1983

OIL & GAS DIVISION
 DEPT. OF MINES

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		Kinds	Sizes
Conductor										
Fresh water	9 5/8	H-40	32.3	X		300'	300'	To Surface		by Rule 15-05
Coal										
Intermediate	7	J-55	23	X		2,200'	2,200'	To Surface		
Production	4 1/2	J-55	10.5	X		5,700'	5,700'	As Needed		Depths set
Tubing										
Liners										Perforations: Top Bottom

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 F. Maxwell
 My Commission Expires November 9, 1992

Signed: Michael G. Loyd
 Its: Vice-President

OFFICE USE ONLY

Permit number 47-087-3805 **DRILLING PERMIT** August 9, 1983
 Date 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 9, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>B</u>	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>9.58</u>
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Michael G. Loyd
 Administrator, Office of Oil and Gas

NOTE: Keep one copy of this permit posted at the drilling location.

09/15/2023



State of West Virginia

Department of Mines

Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Key Oil, Inc.

DESIGNATED AGENT Joe McLaughlin

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

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

Telephone 304-927-5490

Telephone 304-927-5490

LANDOWNER Gail M. Davis

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)

Joe McLaughlin (SCD Agent)

ACCESS ROAD

LOCATION

Structure Drainage Ditch

(A)

Structure Diversion Ditch

(1)

Spacing N/A

Material Soil

Page Ref. Manual 2-12

Page Ref. Manual 2-12

Structure Cross Drains

(B)

Structure Rip-Rap

(2)

Spacing 5% 135'

Material Stone

Page Ref. Manual 2-4 & 2-1

Page Ref. Manual N/A

Structure

(C)

Structure

(3)

Spacing

Material

Page Ref. Manual

Page Ref. Manual

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

Treatment Area I & II

Time or correct to pH 6.5 Tons/acre

Fertilizer 500 lbs/acre

Mulch Silva Fiber 20 Tons/acre

Seed * Ky. 31 Tall Fescue 20 lbs/acre

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

Mulch Silva Fiber 20 Tons/acre

Seed * Ky. 31 Tall Fescue 20 lbs/acre

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Mulch Silva Fiber 20 Tons/acre

Seed * Ky. 31 Tall Fescue 20 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

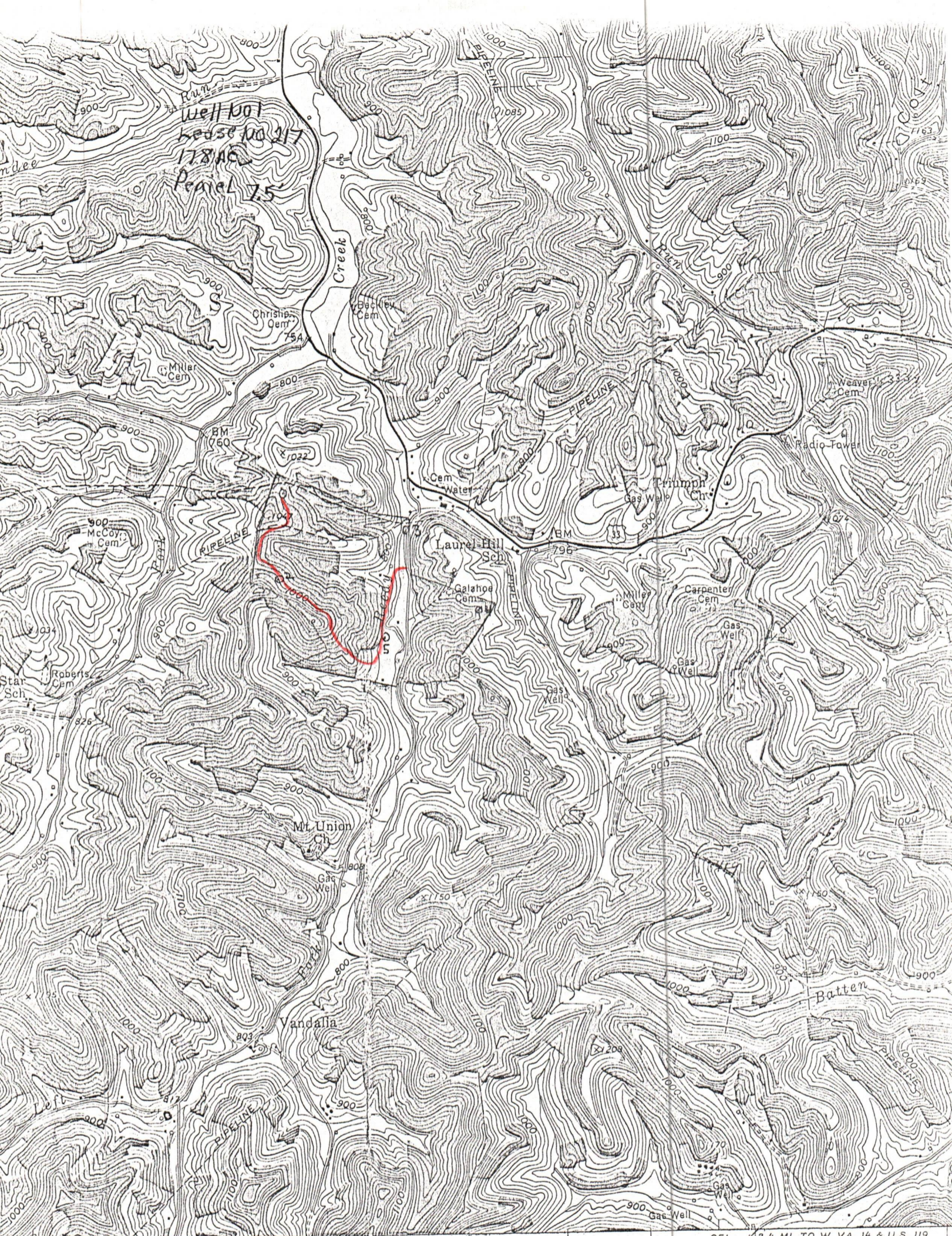
Spencer, West Virginia 25276

PHONE NO. 304-927-5490

DEPT. OF MINES GAS DIVISION

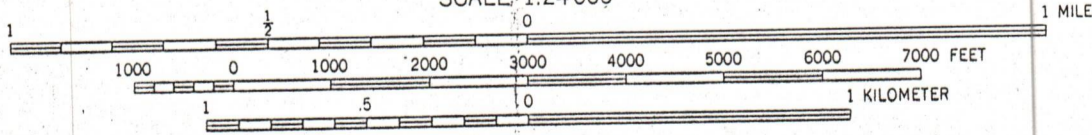
JUN - 8 1983

RECEIVED



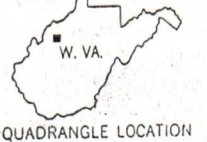
27°30" (WALTON) 25' 13.4 MI. TO W. VA. 14 & U.S. 119
WALTON 9.8 MI.

SCALE 1:24 000



CONTOUR INTERVAL 20 FEET
DATUM IS MEAN SEA LEVEL

09/15/2023



QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

BOOK 160 PAGE 234 OIL AND GAS LEASE

AGREEMENT, made and entered into this 15th day of OCTOBER A. D. 1981 by and between GAIL M. DAVIS - WIDOW

of SPENCER WV party of the first part, hereinafter called Lessor (whether one or more), and M-T-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 or thereto by pipe lines or otherwise; said land being situate in CURTIS District, County of ROANE, State of WEST VIRGINIA, and described as follows, to-wit: Bounded on the

NORTH by lands of TROY MCCOY

EAST by lands of H. H. ROBEY

SOUTH by lands of KENNETH FAXTON AND PARKINS FARM

WEST by lands of K. MCCOY

Containing ONE HUNDRED SEVENTY EIGHT (178) acres, more or less and being the same land conveyed to lessor by

by deed dated _____ and recorded in said county records in _____ Book No. _____ Page _____

2. It is agreed that this lease shall remain in force for a primary term of FIVE (5) 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, or any formation underlying the herein leased land is used for storage of gas as provided under paragraph 7 hereof.

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 15th OCTOBER, 1981, unless Lessee pays thereafter a rental of FIVE DOLLARS PER ACRE (5.00) 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 had not been interrupted.

5. All moneys coming due hereunder shall be paid or tendered to GAIL M. DAVIS direct, or by check payable to his (or her) order mailed to RTI Box 99, SPENCER WV 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. Lessee shall have the right to use any formation underlying the leased premises for the storage of gas and shall have all rights and rights-of-way necessary to store and produce such stored gas. As full payment for such storage rights, the Lessee shall pay to the Lessor a rental at the rate of _____ per acre per year, while the premises are so used, and so long as the storage payment is made, all provisions of this lease shall remain in full effect.

8. Lessor further grants to the Lessee, his heirs and assigns, the right to unitize this lease with other leases to form a drilling unit or units according to the rules and regulations which may be adopted for the proper development and conservation of the field. In the event this lease is so unitized, the Lessor agrees to accept, in lieu of the royalty hereinbefore recited, such proportion of the royalty above provided, as the acreage covered by this lease bears to the total acreage comprising the unit.

9. 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.

10. 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.

11. 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 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.

12. At any time, Lessee, its successors or assigns, shall have the right to surrender this lease or any part thereof for cancellation, 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 to the heirs or assigns of any one of them by delivery of a duly executed surrender thereof in person to any one dressed to the post office address of such person, or by recording a duly executed surrender thereof in person at the Recorder's office of the County in which the land is located.

13. 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.

14. 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 DOCUMENT PREPARED BY MTD JOINT VENTURE A PARTNERSHIP

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. 087-3805 County. Roane
Company. Key Oil, Inc. Farm. Gail M. Davis
Inspector. Homer Dougherty Well No. 217-1
Date. September 19, 1984 Issued. 8-9-83

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 4-9-84 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



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>47-087-3805</u>
Farm:	<u>Gail M. Davis</u>
Well No:	<u>217-1</u>
District:	<u>Curtis</u>
County:	<u>Roane</u>
Issued:	<u>8-9-83</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.

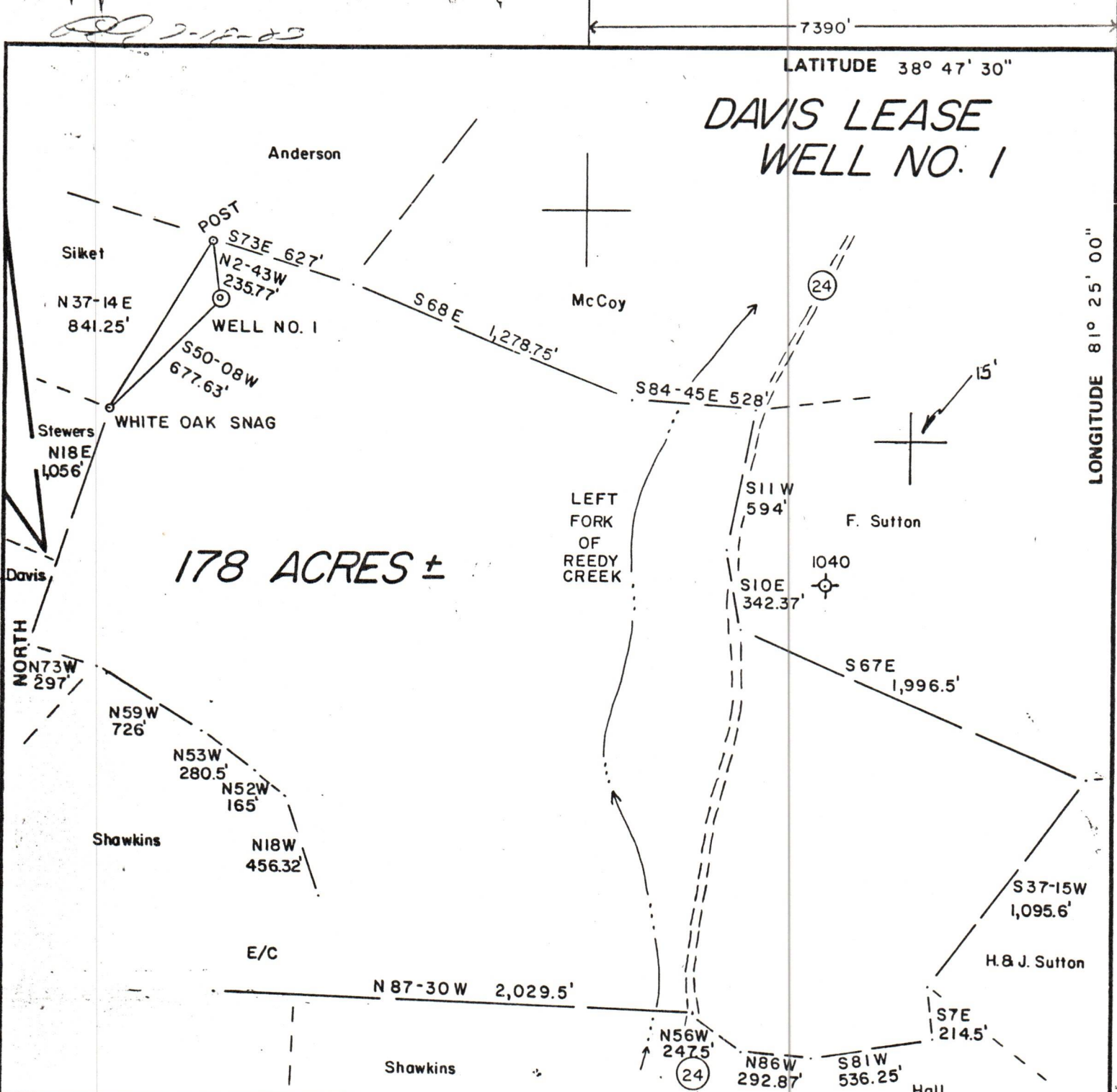
Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above captioned well will remain under bond coverage for life of the well.

Very truly yours,

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

TMS/nw

09/15/2023



LATITUDE 38° 47' 30"

DAVIS LEASE
WELL NO. 1

178 ACRES ±

LONGITUDE 81° 25' 00"

FILE NO. 6-45
 DRAWING NO. _____
 SCALE 1" = 600'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION TOP OF KNOB
 ELEV. 1047'

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
 No. 677
 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 MAY 14, 19 82
 OPERATOR'S WELL NO. 1
 API WELL NO. _____
47 - 087 - 3805
 STATE COUNTY PERMIT
Cancelled

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 964' WATER SHED LEFT FORK OF REEDY CREEK
 DISTRICT CURTIS COUNTY ROANE
 QUADRANGLE PENIEL 7.5'
 SURFACE OWNER GAIL M. DAVIS ACREAGE 178
 OIL & GAS ROYALTY OWNER GAIL M. DAVIS LEASE ACREAGE 178
 LEASE NO. 217
 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 5150'
 WELL OPERATOR KEY OIL INC DESIGNATED AGENT JOE McLAUGHLIN

09/15/2023