



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES

Oil and Gas Division

OIL AND GAS WELL PERMIT APPLICATION

RECEIVED

DEC 16 1981

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

#224

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

DATE December 11, 1981

Surface Owner John T. Kiser Company Key Oil Company

Address Gandeeville, W. Va. Address Titusville, Pennsylvania

Mineral Owner Rosalie Vicars et al Farm Kiser Acres 72.69

Address 311 3rd Ave., Ripley, W. Va. Location (waters) Higby Run

Coal Owner John T. Kiser Well No. 1 Elevation 963

Address \_\_\_\_\_ District Harper County Roane

Coal Operator none Quadrangle Walton 7.5

Address \_\_\_\_\_

**THIS PERMIT MUST BE POSTED AT THE WELL SITE**

All provisions being in accordance with Chapter 22 of the W. Va. Code, the location is hereby approved for Drilling. This permit shall expire if operations have not commenced by 8-21-82.

INSPECTOR  
TO BE NOTIFIED Richard J. Morris  
ADDRESS P.O. Box 372  
Grantsville, W. Va. 26147  
PHONE 354-7259

*J. E. [Signature]*  
Deputy Director - Oil & Gas Division  
GENTLEMEN:

The undersigned well operator is entitled to drill upon the above named farm or tract of land for oil and gas, having fee title thereto, (or as the case may be) under grant or lease dated December 14, 1981 by M & J Joint Venture made to Key Oil Company and recorded on the 15th day of December 1981, in Roane County, Book 163 Page 330

NEW WELL \_\_\_\_\_ DRILL DEEPER \_\_\_\_\_ REDRILL \_\_\_\_\_ FRACTURE OR STIMULATE  
\_\_\_\_\_ OIL AND GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1969.

The enclosed plat was prepared by a registered engineer or licensed land surveyor and all coal owners and/or operators have been notified as of the above date.

The above named coal owners and/or operator are hereby notified that any objection they wish to make, or are required to make by Section 3 of the Code, must be received by, or filed with the Department of Mines within ten (10) days. \*

Copies of this notice and the enclosed plat were mailed by registered mail, or delivered to the above named coal operators or coal owners at their above shown respective address \_\_\_\_\_ day \_\_\_\_\_ before, or on the same day with the mailing or delivery of this copy to the Department of Mines at Charleston, West Virginia.

Very truly yours, KEY OIL COMPANY  
(Sign Name) By: *M. G. Taylor*  
Well Operator

PLEASE SUBMIT COPIES OF ALL  
GEOPHYSICAL LOGS DIRECTLY TO:

WEST VIRGINIA GEOLOGICAL AND  
ECONOMIC SURVEY  
P. O. BOX 879  
MORGANTOWN, WEST VIRGINIA 26505  
AC-304 - 292-6331

Address 220 W. Central Avenue  
of \_\_\_\_\_ Street  
Well Operator Titusville  
City or Town  
Pennsylvania  
State

09/15/2023

\*SECTION 3 . . . . If no objections are filed or found by the Department of mines, within said period of ten days from the receipt of notice and plat by the department of mines, to said proposed location, the department shall forthwith issue to the well operator a permit reciting the filing of such plat, that no objections have been made by the coal operators or found thereto by the department and that the same is approved and the well operator authorized to proceed.

**BLANKET BOND**

47-087-3528 PERMIT NUMBER

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Signed by \_\_\_\_\_ *file*

RECEIVED

THIS IS AN ESTIMATE ONLY  
ACTUAL INFORMATION WILL BE SUBMITTED ON OG-10 UPON COMPLETION

PROPOSED WORK ORDER TO X DRILL \_\_\_\_\_ DEEPEN \_\_\_\_\_ FRACTURE-STIMULATE \_\_\_\_\_  
 DRILLING CONTRACTOR: (If Known) RESPONSIBLE AGENT:  
 NAME not known at this time NAME Joe McLaughlin  
 ADDRESS \_\_\_\_\_ ADDRESS Titusville, Pennsylvania  
 TELEPHONE \_\_\_\_\_ TELEPHONE 814-827-1820  
 ESTIMATED DEPTH OF COMPLETED WELL: 5,700' ROTARY X CABLE TOOLS \_\_\_\_\_  
 PROPOSED GEOLOGICAL FORMATION: Devonian Shale (Marcellus)  
 TYPE OF WELL: OIL \_\_\_\_\_ GAS X COMB. \_\_\_\_\_ STORAGE \_\_\_\_\_ DISPOSAL \_\_\_\_\_  
 RECYCLING \_\_\_\_\_ WATER FLOOD \_\_\_\_\_ OTHER \_\_\_\_\_

TENTATIVE CASING PROGRAM:

CASING AND TUBING SIZE	USED FOR DRILLING	LEFT IN WELL	CEMENT FILL UP OR SACKS - CUBIC FT.
20 - 16			
<del>11 3/4</del>	<u>1075</u>	<u>1075</u>	<u>cement to surface</u>
9 - 5/8			
8 - 5/8	<u>2,200</u>	<u>700</u>	<u>250 fill up</u>
7			
5 1/2			
4 1/2		<u>5,700</u>	<u>2,600 fill up</u>
3			Perf. Top
2			Perf. Bottom
Liners			Perf. Top
			Perf. Bottom

APPROXIMATE FRESH WATER DEPTHS 200 FEET \_\_\_\_\_ SALT WATER \_\_\_\_\_ FEET \_\_\_\_\_  
 APPROXIMATE COAL DEPTHS none  
 IS COAL BEING MINED IN THE AREA? no BY WHOM? \_\_\_\_\_

TO DRILL:  
 SUBMIT FIVE (5) COPIES OF OG - 1, \$100.00 PERMIT FEE, PERFORMANCE BOND AND PERMANENT COPY OF PLAT.

TO DRILL DEEPER OR REDRILL:  
 SUBMIT FIVE (5) COPIES OF OG - 1, SHOWING ORIGINAL PERMIT NUMBER AND PERFORMANCE BOND. ON WELLS DRILLED PRIOR TO 1929, A PERMANENT COPY OF THE PLAT AND THE ORIGINAL WELL RECORD MUST ALSO BE SUBMITTED.

TO FRACTURE - STIMULATE:  
 OIL AND/OR GAS WELL ORIGINALLY DRILLED BEFORE JUNE 5, 1929, FIVE (5) COPIES OG - 1, PERFORMANCE BOND, PERMANENT PLAT AND ORIGINAL WELL RECORD.  
 OIL AND/OR GAS WELL ORIGINALLY DRILLED ON AND/OR AFTER JUNE 5, 1929, FIVE COPIES OG - 1, SHOWING ORIGINAL PERMIT NUMBER, AND PERFORMANCE BOND.

Required forms must be filed within ninety (90) days of completion for bond release. Inspector to be notified twenty-four (24) hours in advance.

The following waiver must be completed by the coal operator if the permit is to be issued within ten days of receipt thereof.

WAIVER: I the undersigned, Agent for \_\_\_\_\_ Coal Company, Owner or Operator of the coal under this lease have examined and place on our mine maps this proposed well location. 09/15/2023

We the \_\_\_\_\_ Coal Company have no objections to said well being drilled at this location, providing operator has complied with all rules and regulations in Articles 4, 5, and 7, Chapter 22 of the West Virginia Code.

\_\_\_\_\_  
 For Coal Company  
 \_\_\_\_\_  
 Official Title



1) Date: June 6, 19 83  
 2) Operator's Well No. 224-1  
 3) API Well No. 47 - 87 - 3528-REN  
 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: 963 Watershed: Higby Run  
 District: Harper County: Roane Quadrangle: Walton 7.5
- 6) WELL OPERATOR Key Oil, Inc. 11) DESIGNATED AGENT Joe McLaughlin  
 Address P.O. Box 709 Address P.O. Box 709  
 Spencer, W.Va. 25276 Spencer, W.Va. 25276
- 7) OIL & GAS ROYALTY OWNER Rosalie Vicars et. al 12) COAL OPERATOR None  
 Address 311 3rd Ave. Address  
 Ripley, W.Va. 25271
- 8) SURFACE OWNER John T. Kiser 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address Gandeenville, W.Va. Name None  
 Address  
 Acreage 72.69 Name  
 Address
- 9) FIELD SALE (IF MADE) TO: 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Address Name None  
 Address
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Homer H. Dougherty Address  
 Address Linden Route, Box 3-A  
 Looneyville, WV 25259
- 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' 3D feet; salt, 700 feet  
 19) Approximate coal seam depths: None Is coal being mined in the area? Yes  / No

RECEIVED  
 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		
Conductor									Kinds
Fresh water	9 5/8	H-40	32.3	X		300' 350'	300' 350'	To surface	by Rule 15205
Coal									Sizes
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 Louis Mahan  
 My Commission Expires November 9, 1992

Signed: Joe M. Laughlin  
 Its: President

47-087-3528-REN.

OFFICE USE ONLY

August 8, 1983

09/15/2023

Permit number \_\_\_\_\_ DRILLING PERMIT \_\_\_\_\_

Date \_\_\_\_\_  
 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>ES</u>	Plat: <u>AL</u>	Casing: <u>AL</u>	Fee: 958
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Michael Louis  
 Administrator, Office of Oil and Gas





DATE DEC. 7 1981

WELL NO. 1

State of West Virginia  
Department of Mines  
Oil and Gas Division

API NO. 47 - 087 - 3528

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME KEY OIL COMPANY DESIGNATED AGENT JOE McLAUGHLIN  
Address 220 W. CENTRAL AVE. TITUSVILLE PA. Address BOX 727 SPENCER W.V. 25276  
Telephone 814-827-1820 Telephone 304-927-2991  
LANDOWNER JOHN T. KISER SOIL CONS. DISTRICT LITTLE KANAWHA  
Revegetation to be carried out by KEY OIL COMPANY (Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections and additions become a part of this plan: 12-8-81 (Date)

*Jarrett Newton*  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure DRAINAGE DITCH (A) Structure DIVERSION DITCH (1)  
Spacing \_\_\_\_\_ Material EARTHEN  
Page Ref. Manual I:11 Page Ref. Manual I:11 1:9

Structure CROSS DRAIN (B) Structure SEDIMENT BARRIER (2)  
Spacing 150' Material BRUSH OR STONE  
Page Ref. Manual I:6 Page Ref. Manual I:15

Structure CULVERT (C) Structure RECEIVED (3)  
Spacing (1) 16" MIN. Material DEC 16 1981  
Page Ref. Manual I:8 Page Ref. Manual OIL AND GAS DIVISION WV DEPARTMENT OF MINES

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

Treatment Area II

Lime \_\_\_\_\_ Tons/acre  
or correct to pH 6.5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch HAY 2 Tons/acre  
Seed\* KY-31 35 lbs/acre  
CROWN VETCH 10 lbs/acre  
\_\_\_\_\_ lbs/acre

Lime \_\_\_\_\_ Tons/acre  
or correct to pH 6.5  
Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)  
Mulch HAY 2 Tons/acre  
Seed\* KY-31 30 lbs/acre  
CROWN VETCH 10 lbs/acre  
\_\_\_\_\_ lbs/acre

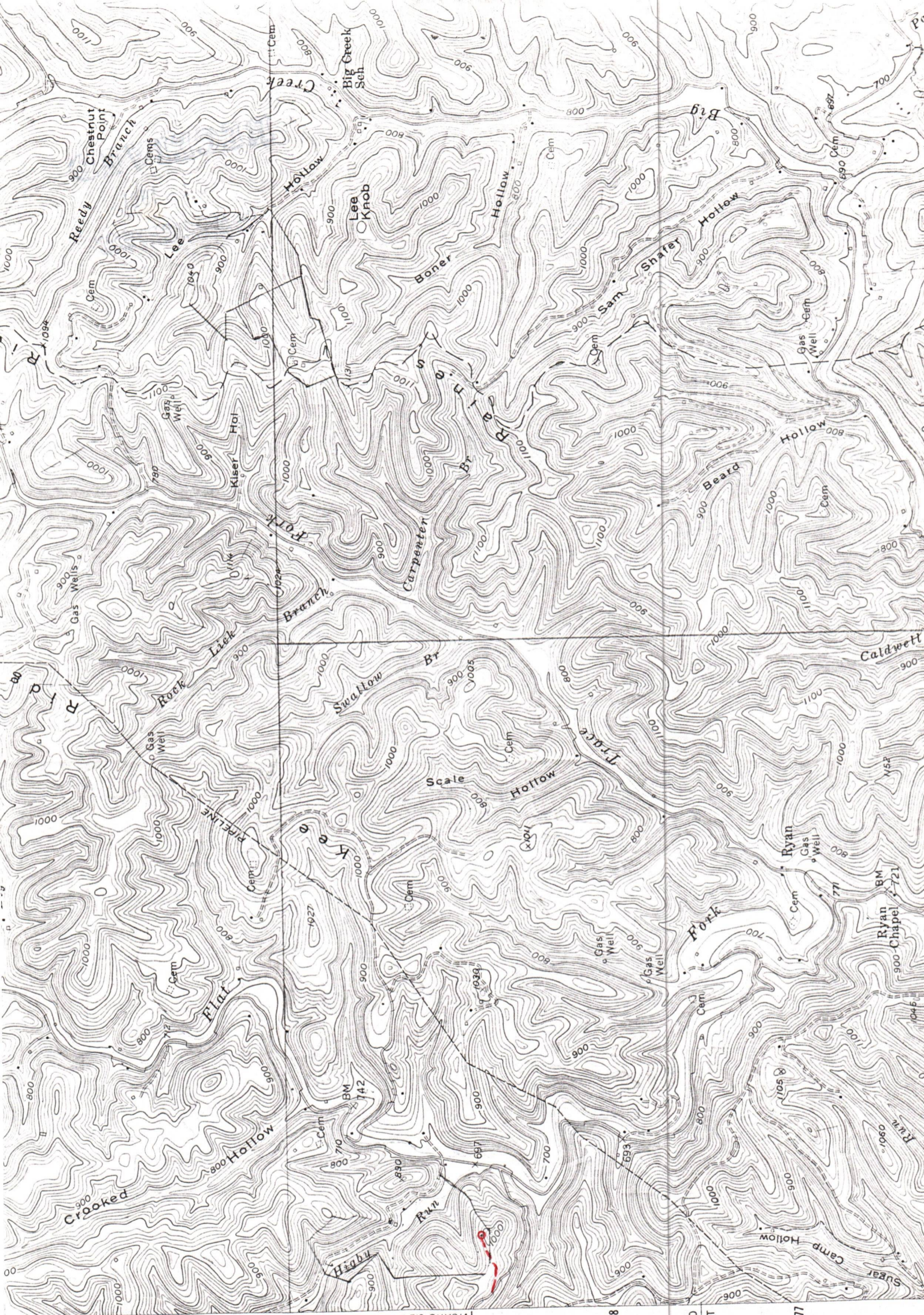
\*Inoculate all legumes such as vetch, trefoil and clovers with the proper bacterium. Inoculate with 3X recommended amount. 09/15/2023

PLAN PREPARED BY SMIHT LAND SURVEYING

ADDRESS 111 SOUTH STREET  
GLENVILLE W.V. 26351

PHONE NO. 304-462-5634

NOTES: Please request landowners' cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.



4281 4280 40' 4278 600 000 FEET 09/15/2023

#224

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DEC 16 1981

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

09/15/2023

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS  
NOTICE OF EXPIRED PERMIT

Permit number: 47-87-3528  
Company: KEY OIL CO.  
Date: 27-Nov-84  
Date issued: 12/21/81

County: ROANE  
Farm: JOHN T KISER #1  
Well no.:  
Date expired: / / 0

I have inspected the above wellsite and found no well work done. Please  
cancel this well work permit.

Signed: *Homer H. Dougherty*  
Date: 2/13/85

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





State of West Virginia

BARTON B. LAY, JR.  
DIRECTOR

Department of Mines  
Oil and Gas Division  
Charleston 25305

THEODORE M. STREIT  
ADMINISTRATOR

February 20, 1985

Key Oil Company  
P. O. Box 709  
Spencer, West Virginia 25276

In Re: Permit No:	<u>47-087-3528</u>
Farm:	<u>John T. Kiser</u>
Well No:	<u>224-1</u>
District:	<u>Harper</u>
County:	<u>Roane</u>
Issued:	<u>12-21-81</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

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

Permit No. 087-3528-REN County. Roane  
 Company. Key Oil, Inc. Farm. John T. Kiser  
 Inspector. Homer Dougherty Well No. 224-1  
 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	_____	_____

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

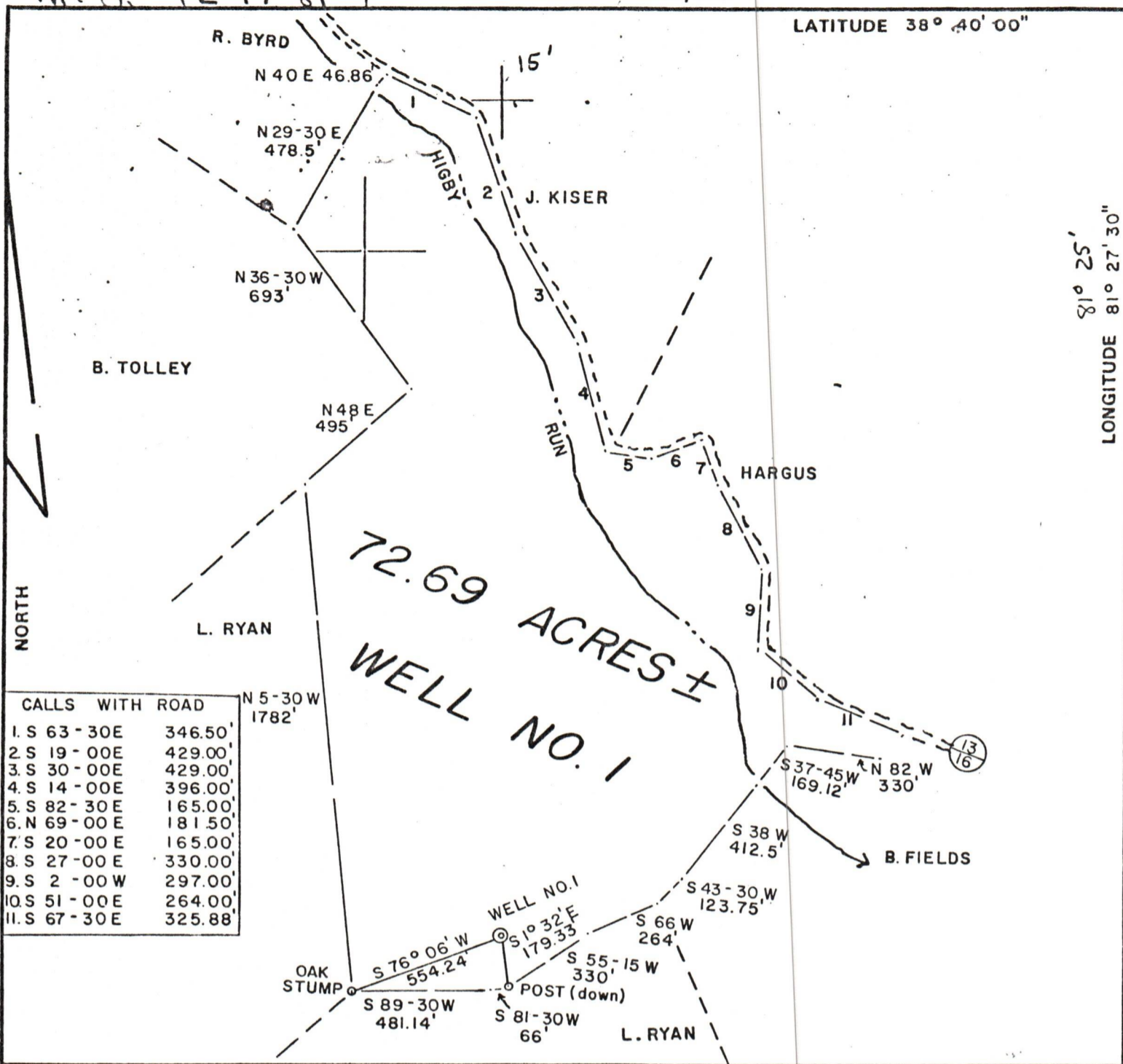
09/15/2023

12-17-81

10,600'

LATITUDE 38° 40' 00"

LONGITUDE 81° 27' 30"



FILE NO. 5-32  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB NE OF LOCATION  
 ELEV 890'

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

PLACE SEAL HERE

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

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X

LOCATION: ELEVATION 963' WATER SHED HIGBY RUN  
 DISTRICT HARPER COUNTY ROANE  
 QUADRANGLE WALTON 7.5'

SURFACE OWNER JOHN T KISER ACREAGE 72.69  
 OIL & GAS ROYALTY OWNER DEVONIAN SHALE LEASE ACREAGE 72.69  
 LEASE NO. 224

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 DEVONIAN SHALE ESTIMATED DEPTH 5175'  
 WELL OPERATOR KEY OIL COMPANY DESIGNATED AGENT JOE McLAUGHLIN  
 ADDRESS 220 W. CENTRAL AVENUE ADDRESS P.O. BOX 727  
TITUSVILLE, PA. 16354 SPENCER, W.V. 25276

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

DATE DEC. 7, 19 81  
 OPERATOR'S WELL NO. 1  
 API WELL NO. 47-087-3528-R  
 STATE WV COUNTY ROANE PERMIT Cancelled

09/15/2023