



1) Date: \_\_\_\_\_, 19\_\_\_\_  
 2) Operator's Well No. 336-2  
 3) API Well No. 47 - 87 - 3823  
 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: 728' Watershed: Flat Fork  
 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, WV 25276 Spencer, WV 25276
- 7) OIL & GAS ROYALTY OWNER Mrs. Herbert Cox 12) COAL OPERATOR None  
 Address 1020 Mt. Vernon Rd. Address \_\_\_\_\_  
Hurricane, WV ~~25526~~ 25526
- 8) SURFACE OWNER John Ryan 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address General Delivery Name ~~None~~ None  
Harmony, WV 25246 Address \_\_\_\_\_  
 Acreage 45 Name \_\_\_\_\_  
 Address \_\_\_\_\_
- 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
- 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Name None Address \_\_\_\_\_
- 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 X Shale
- 17) Estimated depth of completed well, 5,700' feet
- 18) Approximate water strata depths: Fresh, 170' feet; salt, 680' feet.
- 19) Approximate coal seam depths: None Is coal being mined in the area? Yes \_\_\_\_\_ / No X /

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	32.3	H-40	X		300'	300'	To Surface	by rule 15-05
Coal									Sizes
Intermediate	7	23	J-55	X		2,200'	2,200'	To Surface	
Production Tubing	4 1/2	J-55	10.5	X		5,700'	5,700'	As Needed	Depths set
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 L. Mahoney  
 My Commission Expires November 9, 1992

Signed: Joe M. Laughlin  
 Its: \_\_\_\_\_

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-087-3823 Date August 09/15/2023 19 83

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 10, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>B</u>	Agent: <u>L. O. P.</u>	Plat: <u>P. O. P.</u>	Casing: <u>P. O. P.</u>	Fee: <u>958</u>
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Michael J. Davis  
 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 09/15/2023 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 \_\_\_\_\_



ATTACH OR PHOTOCOPIY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE \_\_\_\_\_

LEGEND












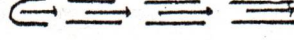
Well Site 

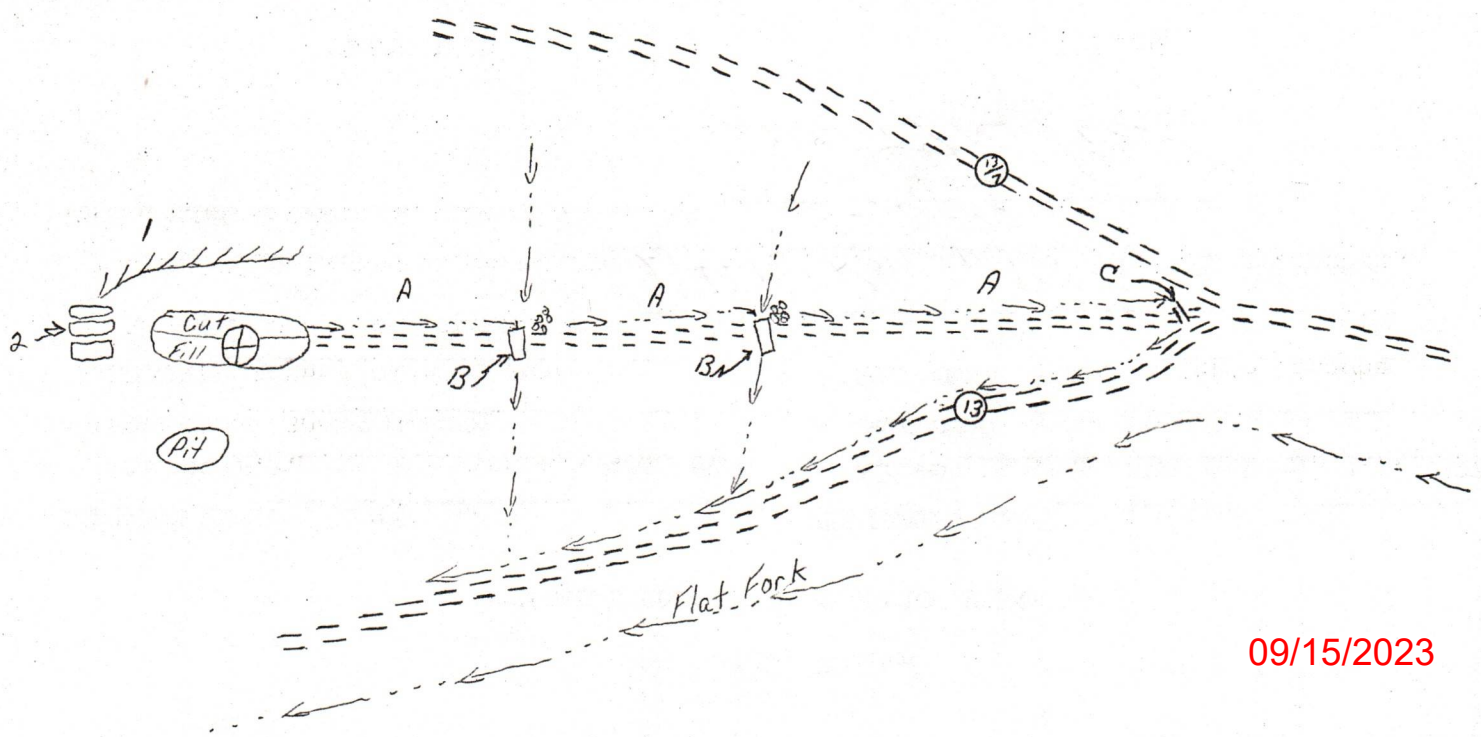
Access Road 

### 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



09/15/2023



State of West Virginia

Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

DESIGNATED AGENT

Joe McLaughlin

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

Telephone 304-927-5490

SOIL CONS. DISTRICT Little Kanawha

(Agent)

This plan has been reviewed by Little Kanawha SCD. All corrections

and additions become a part of this plan:

(Date)

(SCD Agent)

LOCATION

ACCESS ROAD

(A) Structure Drainage Ditch

(1) Structure Diversion Ditch

Spacing N/A

Material Soil

Page Ref. Manual 2-12

Page Ref. Manual 2-12

(B) Structure Culverts (15")

(2) Structure Rip-Rap

Spacing

Material Logs

Page Ref. Manual 2-7

Page Ref. Manual N/A 2-9

Structure

(3) Structure

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 1983 cut and removed from the site before dirt work begins.

REVEGETATION

OIL & GAS DIVISION  
DEPT. OF MINES

Treatment Area I & II

Treatment Area II

Lime Tons/acre

or correct to pH 6.5

Fertilizer lbs/acre

(10-20-20 or equivalent)

Mulch SILVA-fiber Tons/acre

Seed\* Ky. 31 Tall Rescue 20 lbs/acre

Flatpea 20 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 Doug McDonald

Key Oil Inc.

ADDRESS P.O. Box 709 Spencer, W.V. 25276

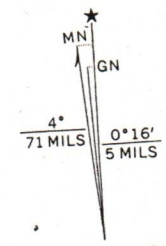
PHONE NO. 304-927-5490

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

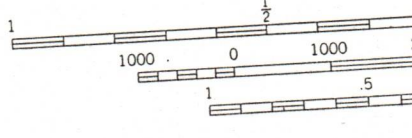




ed, edited, and published by the Geological Survey  
 ol by USGS, USC&GS, and USSCS  
 raphy from aerial photographs by photogrammetric methods  
 photographs taken 1956. Field check 1957  
 onic projection. 1927 North American datum  
 0-foot grid based on West Virginia coordinate system,  
 zone  
 -meter Universal Transverse Mercator grid ticks,  
 17, shown in blue  
 ed dashed lines indicate selected fence and field lines  
 on aerial photographs. This information is unchecked  
 cked elevations are shown in brown  
 eled wells are oil wells  
 ons shown in purple compiled from aerial photographs  
 1976. This information not field checked



UTM GRID AND 1976 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



THIS MAP COMPLIES  
 FOR SALE BY U. S. G  
 A FOLDER DESCRIBING TOPOG

*N.D. Cox Heirs et al.*  
*Lease No. 336*  
*106 acres*  
*Harper District*  
*Roane County*  
*Flat Fork*

*Walton Quad.*  
*09/15/2023*



BOOK 163 PAGE 452

15. 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.

1/8 interest

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

WITNESS:

Mrs Herbert Cox (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL)

WEST VIRGINIA ACKNOWLEDGMENT

STATE OF WEST VIRGINIA

COUNTY OF Putnam

To-wit:

I, Barbara L Hess, a Notary Public of said County, do hereby certify that

whose name she signed to the within writing bearing date the 17th day of November, 19 81 has this day acknowledged the same before me in my said County.

Given under my hand this 4th day of February, 19 82 Barbara L Hess Notary Public

My Commission expires June 6 1988

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 ha 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 Lease 163 GENE M. ASHLEY ROANE COUNTY COMMISSIONER W. VA.

RECORDING 1 Term County Location Acres Date TO 09/15/2023 Oil and Gas (Standard Ohio & W. Va.)

STATE OF WEST VIRGINIA, ROANE COUNTY COMMISSION CLERK'S OFFICE, 16 February 19 82 1:31 P.M.

Book No. 163

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

File No. 13932

Fees \$ 4.50

GENE M. ASHLEY, Clerk By Deputy



This instrument was prepared by M & J Joint Venture, P. O. Box 727, Spencer, W. Va. 25276

BOOK 163 PAGE 451

AGREEMENT, made and entered into this 17th day of November A. D. 19 81

Herbert Cox, W. Va. 25226

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 contents of the lease and the right to drill for, produce and market oil and gas 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 situated in Harper District, County of Roane, State of West Virginia

NORTH by lands of C. W. and W. T. Cook  
EAST by lands of A. B. Westfall  
SOUTH by lands of J. W. Westfall  
WEST by lands of Noah Hunt  
Containing one-hundred six (106) acres, more or less and being the same land conveyed to lessor by recorded in said county records in \_\_\_\_\_ by deed dated \_\_\_\_\_ and \_\_\_\_\_ Book No. \_\_\_\_\_ Page \_\_\_\_\_

2. It is agreed that this lease shall remain in force for a primary term of three (3) 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. 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 share of the equal one-eighth (1/8) part of all gas produced and sold from the premises, payable monthly; provided, Lessee shall pay Lessor a royalty at the rate of Fifty Dollars per acre 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.

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 share of the equal one-eighth (1/8) part of all gas produced and sold from the premises, payable monthly; provided, Lessee shall pay Lessor a royalty at the rate of Fifty Dollars per acre 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 November 17, 19 81, unless Lessee pays thereafter a rental of \$5.00 per acre per year. 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 expiration 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 Mrs. Herbert Cox

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 he shall be liable for any shortage or failure in the supply of gas for said domestic use. 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.

7. Lessee shall be liable for any shortage or failure in the supply of gas for said domestic use. 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 herebefore 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 royalty and rentals herein provided shall be paid the Lessor only in the proportion which his interest bears to the whole and undivided fee. 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, wells of Lessor. Lessee shall also have the right to use, free of cost, gas, oil and water produced on said land for its operations thereon, except water from 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 buy its pipe lines below plow depth.



A-12

OIL AND GAS LEASES  
Lease No. 336

Lessors name and address

1. Jay Henderson & Craig Henderson Rt. 1 Walton, W.Va. 25286
2. Oral H. Cox & Barbara P. Cox 9 Surey Dr. Hurricane, W.Va. 25526
3. Dennis F & Ann Cox 260 Maple Rd. Hurricane, W.Va. 25526
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_

RECEIVED

JUN - 8 1983

OIL & GAS DIVISION  
DEPT. OF MINES

09/15/2023



B-11



State of West Virginia

BARTON B. LAY, JR.  
DIRECTOR

Department of Mines  
Oil and Gas Division  
Charleston 25305

THEODORE M. STREIT  
ADMINISTRATOR

February 19, 1985

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

In Re: Permit No: 47-087-3823  
Farm: John Ryan  
Well No: 336-2  
District: Harper  
County: Roane  
Issued: 8-10-83

\* \*

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. Strait, 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. 087-3823 County. Roane  
Company. Key Oil, Inc. Farm. John Ryan  
Inspector. Homer Dougherty Well No. 336-2  
Date. September 19, 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

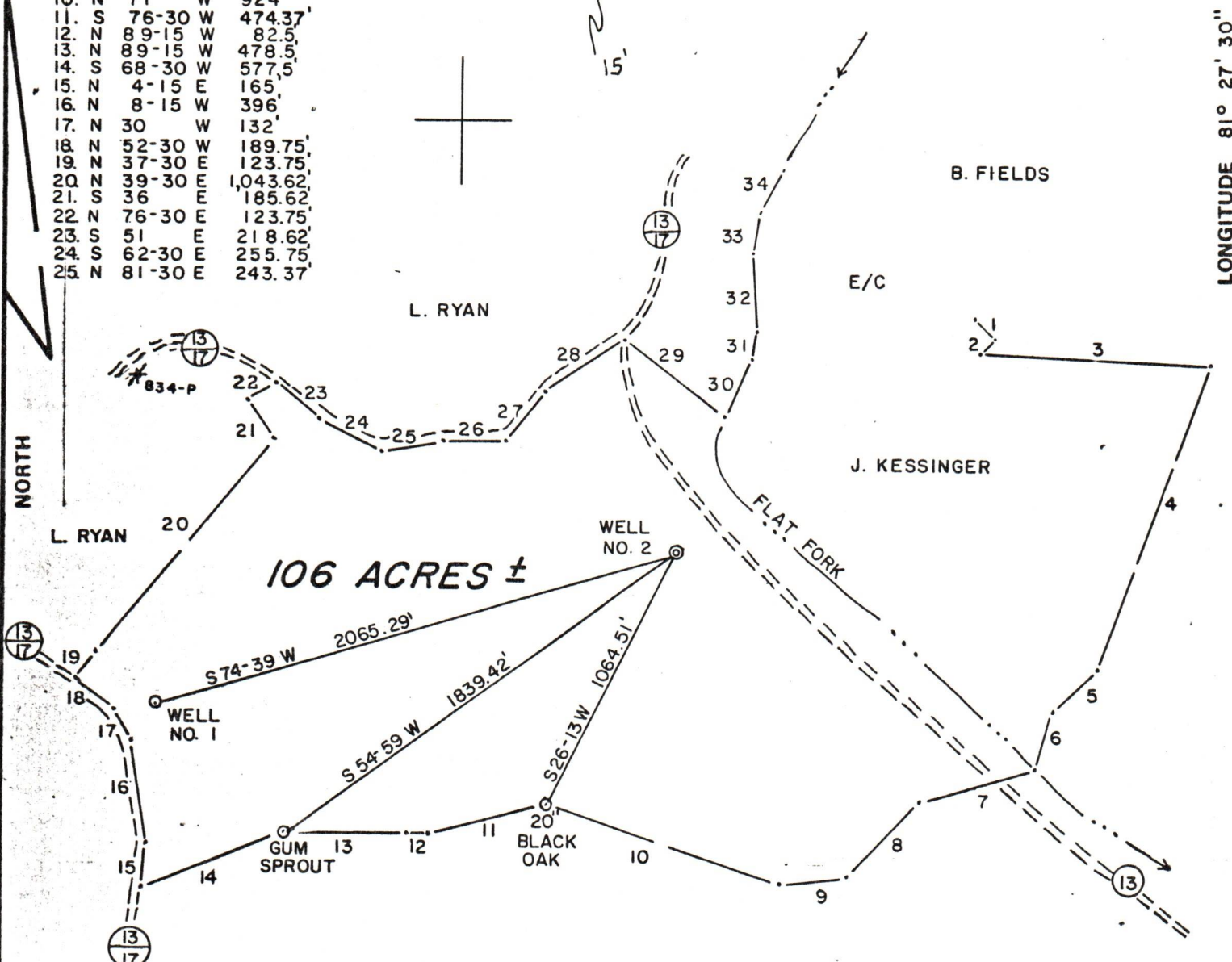


N. D. COX HEIRS

WELL NO. 2

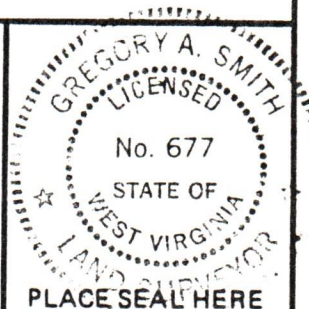
LONGITUDE 81° 27' 30"

1. S 46 E 115'	26. N 89-30 E 239.25'
2. S 44-30 W 82.5'	27. N 38-30 E 239.25'
3. S 87-30 E 874.5'	28. N 56-30 E 358.85'
4. S 20-15 W 1,229.25'	29. S 52-30 E 474.37'
5. S 45-45 W 239.25'	30. N 24-15 E 231'
6. S 15-30 W 231'	31. N 7-00 E 165'
7. S 74 W 457.87'	32. N 3-30 E 297'
8. S 44 W 396'	33. N 11-30 E 148.5'
9. S 84 W 264'	34. N 29-30 E 181.5'
10. N 71 W 924'	
11. S 76-30 W 474.37'	
12. N 89-15 W 82.5'	
13. N 89-15 W 478.5'	
14. S 68-30 W 577.5'	
15. N 4-15 E 165'	
16. N 8-15 W 396'	
17. N 30 W 132'	
18. N 52-30 W 189.75'	
19. N 37-30 E 123.75'	
20. N 39-30 E 1,043.62'	
21. S 36 E 185.62'	
22. N 76-30 E 123.75'	
23. S 51 E 218.62'	
24. S 62-30 E 255.75'	
25. N 81-30 E 243.37'	




FILE NO. 7-8  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 600'  
 MINIMUM DEGREE OF ACCURACY 1/200  
 PROVEN SOURCE OF ELEVATION TOP OF KNOB  
ELEV. 1105'

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)  
 WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 728' WATER SHED FLAT FORK  
 DISTRICT HARPER COUNTY ROANE  
 QUADRANGLE WALTON 7.5'  
 SURFACE OWNER JOHN & TRESSIE RYAN ACREAGE 45  
 OIL & GAS ROYALTY OWNER N.D. COX HEIRS, et. al. LEASE ACREAGE 106  
 LEASE NO. 336  
 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 727  
SPENCER, W.V. 25276 SPENCER, W.V. 25276



STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

DATE APRIL 2, 19 82  
 OPERATOR'S WELL NO. 2  
 API WELL NO. \_\_\_\_\_  
47 - 087 - 3823  
 STATE COUNTY PERMIT  
*Cancelled*

**09/15/2023**