



1) Date: \_\_\_\_\_, 19\_\_\_\_  
 2) Operator's Well No. 338-1  
 3) API Well No. 47 - 87 3824  
 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: 927' 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 Alfred Duba 12) COAL OPERATOR none  
 Address 341 Lincoln Ave. Address \_\_\_\_\_  
Livermore, CA 94550
- 8) SURFACE OWNER Same 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address \_\_\_\_\_ Name None  
 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
- 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 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 \_\_\_\_\_

**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		Kinds	Sizes
Conductor										
Fresh water	9 5/8	H-40	32.3	X		300'	300'	To Surface		by link 15.05
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 E. McManis  
 My Commission Expires November 9, 1992

Signed: Michael G. Taylor  
 Its: Vice-President

OFFICE USE ONLY

**DRILLING PERMIT**

Permit number 47-087-3824

August 10, 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 10, 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>958</u>
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Michael Taylor  
 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.

09/15/2023

Date: \_\_\_\_\_, 19\_\_\_\_ By \_\_\_\_\_  
Its \_\_\_\_\_



1) Date: Sept 25, 1984  
 2) Operator's Well No. 338-1  
 3) API Well No. 47 87 3824 REN  
 State County Permit

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OIL AND GAS DIVISION  
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil  / Gas   
 B (If "Gas", Production  / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow )
- 5) LOCATION: Elevation: 927' Watershed: Flat Fork KP33  
 District: Harper County: Roane Quadrangle: Walton 7.5
- 6) WELL OPERATOR Key Oil Company  
 Address P.O. Box 709  
Spencer, W.V. 25276
- 7) DESIGNATED AGENT Richard A. Rexroad  
 Address P.O. Box 709  
Spencer, W.V. 25276
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Homer H. Dougherty  
 Address Linden Rt. Box 3-A  
Looneyville, WV 25259
- 9) DRILLING CONTRACTOR:  
 Name Unknown  
 Address \_\_\_\_\_
- 10) PROPOSED WELL WORK: Drill  / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate   
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Marcellus Shale
- 12) Estimated depth of completed well, 5,700 feet
- 13) Approximate trata depths: Fresh, 200 feet; salt, 700 feet.
- 14) Approximate coal seam depths: ~~XXXX~~ None Is coal being mined in the area? Yes \_\_\_\_\_ / No
- 15) 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'	300'	To surface	by rule
Coal									Sizes
Intermediate	7	J-55	23	X		2,200'	2,200'	To surface	Oil & Gas
Production	4 1/2	J-55	10.5	X		5,700'	5,700'	As needed	SEPT 25 1984
Tubing								by rule	ASPT 1
Liners									Perforations: Top Bottom

RECEIVED  
 DEPT. OF MINES  
 SEP 25 1984

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-087-3824-REN Date October 4, 19 84

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. 8) 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.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.  
 Permit expires October 4, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing	Fee
<u>88</u>	<u>MH</u>	<u>MH</u>	<u>MH</u>	<u>2413</u>

Margaret J. Hass  
 Administrator, Office of Oil and Gas



OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

1) WELL OPERATOR: Name: \_\_\_\_\_ Address: \_\_\_\_\_

2) LOCATION: District: \_\_\_\_\_ County: \_\_\_\_\_

3) ELEVATION: \_\_\_\_\_

4) WELL DEPTH: \_\_\_\_\_

5) PROPOSED WELL WORK:  Drill  Redrill  Plug off old formation  Perform new formation  Stimulate

6) DESIGNATED AGENT: Name: \_\_\_\_\_ Address: \_\_\_\_\_

7) DRILLING CONTRACTOR: Name: \_\_\_\_\_ Address: \_\_\_\_\_

8) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: \_\_\_\_\_ Address: \_\_\_\_\_

9) APPROXIMATE TUBING DEPTH: \_\_\_\_\_

10) APPROXIMATE COAL SEAM DEPTH: \_\_\_\_\_

11) GEOLOGICAL TARGET FORMATION: \_\_\_\_\_

12) ESTIMATED DEPTH OF COMPLETED WELL: \_\_\_\_\_

13) APPROXIMATE TUBING DEPTH: \_\_\_\_\_

14) APPROXIMATE COAL SEAM DEPTH: \_\_\_\_\_

15) CASING AND TUBING PROGRAM: \_\_\_\_\_

Casing or Tubing Type	Size	Grade	Specifications		Footage Interval	Feet in Well	Remarks
			Weight per Ft.	Yield			
Conductor	9 5/8"	E-55	32.8	7	0-30'	30'	To surface
Production	7"	J-55	23	7	2,200'	2,200'	To surface

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: \_\_\_\_\_

Reason: \_\_\_\_\_

Form:	Agent:	Plan:	Casing:	Fee:
88				

09/15/2023



1) Date: \_\_\_\_\_, 19\_\_\_\_  
 2) Operator's Well No. 338-1  
 3) API Well No. 47 87 3824 BEN  
 State \_\_\_\_\_ County \_\_\_\_\_ Permit \_\_\_\_\_

**STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OIL AND GAS DIVISION  
 APPLICATION FOR A WELL WORK PERMIT**

- 4) WELL TYPE: A Oil  / Gas   
 B (If "Gas", Production  / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow )
- 5) LOCATION: Elevation: 927' Watershed: Flat Fork  
 District: Harper County: Roscoe Quadrangle: Walton 7.5
- 6) WELL OPERATOR Key Oil Company 7) DESIGNATED AGENT Richard A. Rexroad  
 Address P.O. Box 709 Address P.O. Box 709  
Spencer, W.V. 25276 Spencer, W.V. 25276
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Homer H. Dougherty Name Unknown  
 Address Linden Rt. Box 3-A Address \_\_\_\_\_  
Looneyville, WV 25259
- 10) PROPOSED WELL WORK: Drill  / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Stimulate \_\_\_\_\_  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Marcellus Shale
- 12) Estimated depth of completed well, 5,700 feet  
 13) Approximate strata depths: Fresh, 200 feet; salt, 700 feet.  
 14) Approximate coal seam depths: None Is coal being mined in the area? Yes \_\_\_\_\_ / No

15) 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	<u>9 5/8"</u>	<u>J-40</u>	<u>32.3</u>	<input checked="" type="checkbox"/>		<u>300'</u>	<u>300'</u>	<u>To surface</u>	Kinds
Coal									Sizes
Intermediate	<u>7"</u>	<u>J-55</u>	<u>23</u>	<input checked="" type="checkbox"/>		<u>2,200'</u>	<u>2,200'</u>	<u>To surface</u>	Depths set
Production	<u>4 1/2"</u>	<u>J-55</u>	<u>10.5</u>	<input checked="" type="checkbox"/>		<u>5,700'</u>	<u>5,700'</u>	<u>As needed</u>	Perforations
Tubing									Top
Liners									Bottom

DEPT. OF MINES  
 OIL & GAS DIVISION  
 RECEIVED  
 SEP 25 1984

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

**VOLUNTARY STATEMENT OF NO OBJECTION**

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: \_\_\_\_\_

[Signature] Date: 25 Apr 84  
 (Signature)

By \_\_\_\_\_

[Signature] Date: 25 Apr 84  
 (Signature)

Its \_\_\_\_\_ Date \_\_\_\_\_

**INSTRUCTIONS TO SURFACE OWNERS  
AND  
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT  
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (NOTE: If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

**Where to file comments and obtain additional information:**

Administrator of the Office of Oil and Gas  
West Virginia Department of Mines  
1615 Washington Street East  
Charleston, West Virginia 25311  
(304) 348-2057

**Who may file comments?** If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

**Time limits for comments.** The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

**Comments must be in writing.** Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

**Methods for filing comments.** Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- “(1) The proposed well work will constitute a hazard to the safety of persons; or
- “(2) The plan for soil erosion and sediment control is not adequate or effective; or
- “(3) Damage would occur to publicly owned lands or resources; or
- “(4) The proposed well work fails to protect fresh water sources or supplies.”

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

**List of Water Testing Laboratories.** The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, 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 § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

INFORMATION SUPPLIED UNDER CODE § 22-4-11(d)

IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
Alfred Duba, et vir	M & J Joint Venture	1/4	} of 1/8 164-415
Edward C. McMurray et vir	M & J Joint Venture	1/4	
Ruth Reed, et ux	M & J Joint Venture	1/2	

*M & J Joint Venture Key Oil by assignment*

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OFFICE OF OIL & GAS  
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Alfred Duba  
Address 341 Lincoln Ave.  
Livermore, CA 94550

(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_

(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR None  
Address \_\_\_\_\_

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD  
Name None  
Address \_\_\_\_\_

Name \_\_\_\_\_  
Address \_\_\_\_\_

5(iii) COAL LESSEE WITH DECLARATION ON RECORD  
Name None  
Address \_\_\_\_\_

DEPT. OF MINES  
OIL & GAS DIVISION

RECEIVED  
OCT 01 1984

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents:

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

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)

ROYALTY PROVISIONS

the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision of 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.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

WELL OPERATOR Key Oil Company

By Richard A. Rexroad  
Its Designated Agent  
Address P.O. Box 709  
Spencer, WV 25276  
Telephone 304-927-5490

Richard A. Rexroad  
this 28 day of September, 19 84  
My commission expires 1-11, 19 93.

Barclay R. Blakeslee  
Notary Public, Roane County,  
State of West Virginia

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OCT 01 1984

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DEPT. OF MINES  
OIL & GAS DIVISION


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OIL & GAS DIVISION

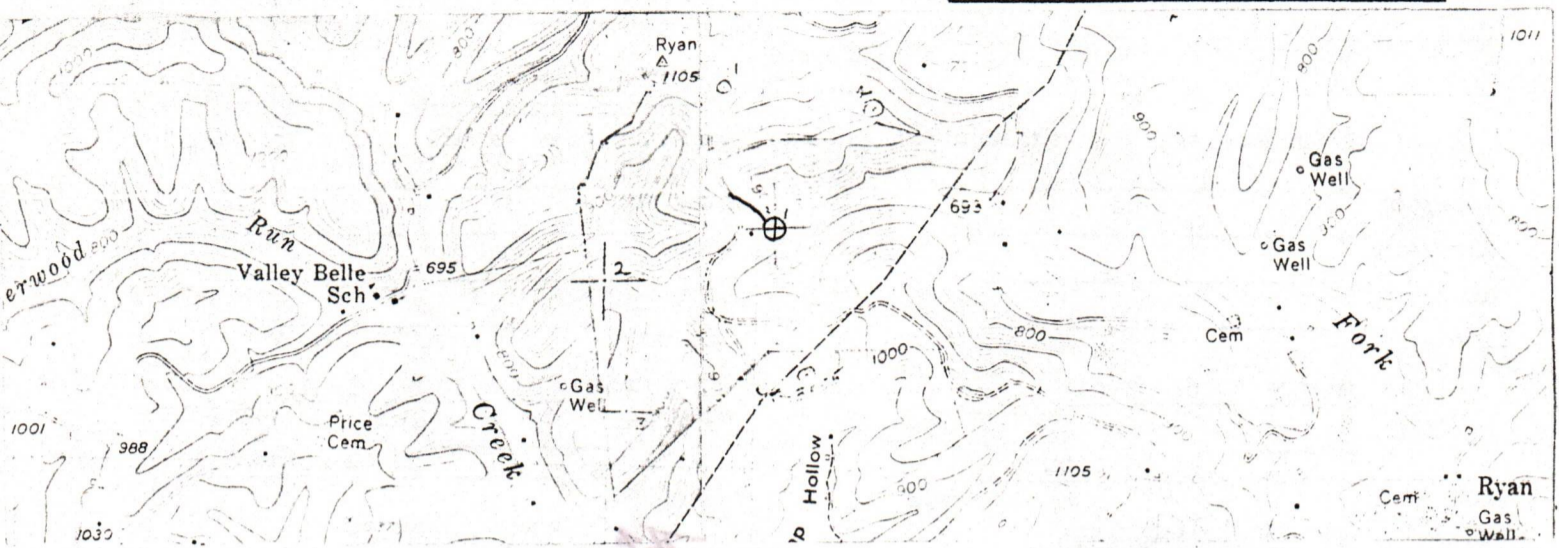


ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE WALTON, 7 1/2'

**LEGEND**

Well Site 










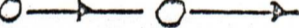


Access Road 

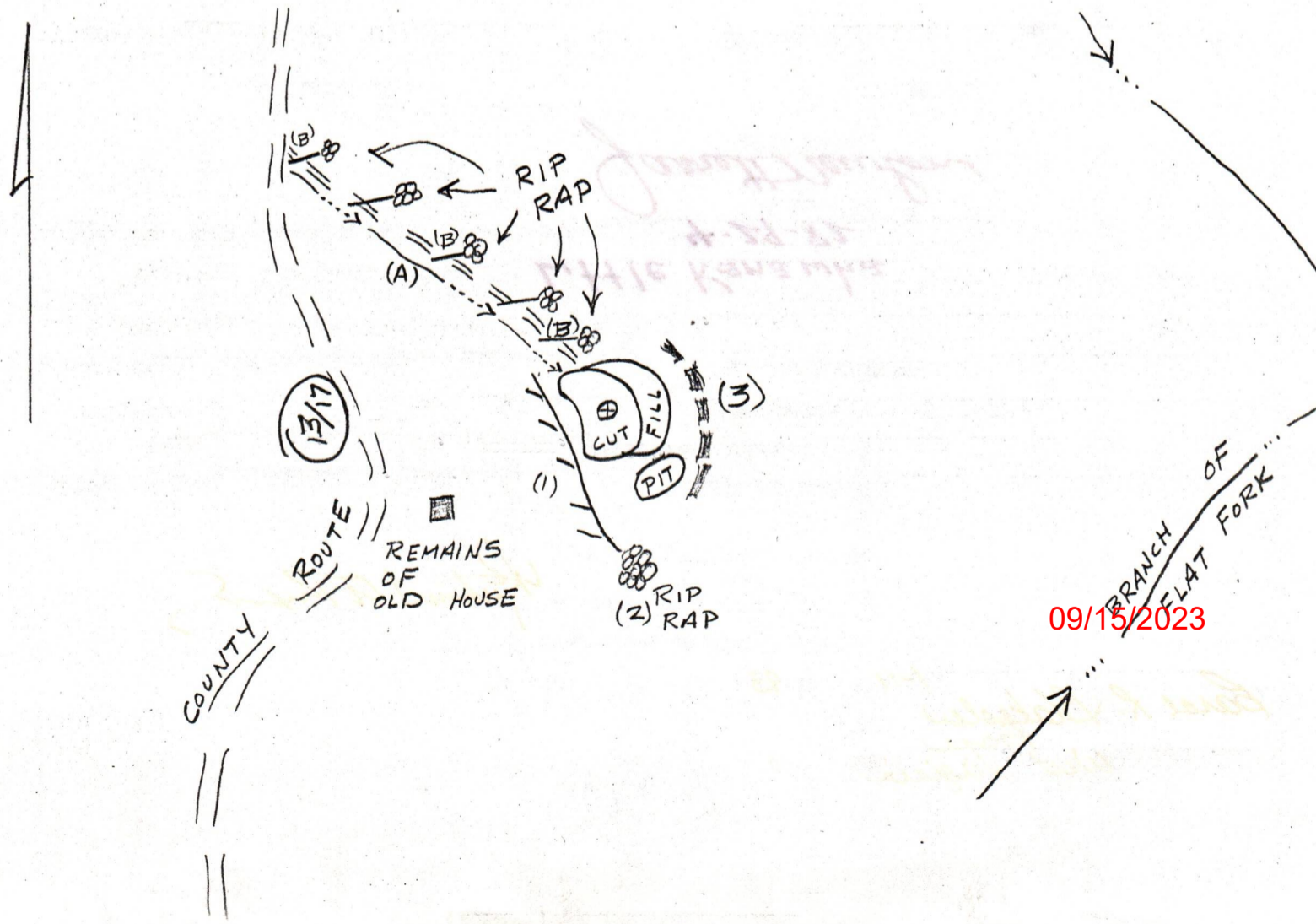


**WELL SITE PLAN**

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



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. 25276 Address P.O. Box 727, Spencer, W. Va. 25276

Telephone 304-927-5490 Telephone 304-927-2991

LANDOWNER Alfred Duba 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: 4-29-82

(Date) 4-29-82  
(SCD Agent) Joe McLaughlin

ACCESS ROAD LOCATION

(A) Structure Drainage Ditch (1) Structure Diversion Ditch

Spacing N/A Material Soil

Page Ref. Manual 2-12

(B) Structure Cross Drains (2) Structure Rip Rap

Spacing 80' Material Stone

Page Ref. Manual 2-1

Structure (C) Structure Sediment Barriers (3) Structure Sediment Barriers

Spacing Material Hay or Straw Bales

Page Ref. Manual 2-16

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 or correct to pH 6.5 Tons/acre

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

Mulch Hay or Straw 2 Tons/acre

Seed\* KY. 31 Tall Fescue 4 lbs/acre

Red Top 5 lbs/acre

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

PLAN PREPARED BY John Strickling

ADDRESS Court Street

West Union, W. Va.

PHONE NO. 304-873-2567

NOTES: Please request treatment seedling for one growing season. Attach separate sheets as necessary for comments.

OIL & GAS DIVISION  
TREATMENT AREA II - MINED

RECEIVED  
JUN - 8 1983

DATE April 21, 1982  
WELL NO. Duba No. 1  
API NO. 47-087-3824



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DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Preforations 30-0.29" holes 4192-4467

250 250 gallons 15% HCl 1,000,000 scf N<sub>2</sub>

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Soil			0	40	
Sand & Shale			40	1250	
1st Salt			1250	1340	
Shale			1340	1470	
2nd Salt			1470	1450	
Shale			1450	1620	
3rd Salt			1620	1905	
Shale			1905	1935	
Big Lime			1935	2080	
Big Injun			2080	2130	
Shale			2130	2515	
Coffee Shale			2515	2525	
Shale			2525	4598	

(Attach separate sheets as necessary)

Key Oil Company  
Well Operator  
By: Barry Jay 09/15/2023  
Date: 2-1-85

Note: Regulation 2.02(i) provides as follows:  
"The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including coal, encountered in the drilling of a well."

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FEB 27 1985



IV-35  
(Rev 8-81)

OIL & GAS DIVISION  
DEPT. OF MINES

State of West Virginia  
Department of Mines  
Oil and Gas Division

Date 1-31-85  
Operator's \_\_\_\_\_  
Well No. 338-1  
Farm Duba  
API No. 47 - 087 - 3824 REN

WELL OPERATOR'S REPORT  
OF  
DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL TYPE: Oil \_\_\_ / Gas X / Liquid Injection \_\_\_ / Waste Disposal \_\_\_ /  
(If "Gas," Production X / Underground Storage \_\_\_ / Deep \_\_\_ / Shallow X /)

LOCATION: Elevation: 927 Watershed Flat Fork  
District: Harper County Roane Quadrangle Walton 7.5

COMPANY Key Oil Company  
ADDRESS P.O. Box 709, Spencer, WV 25276  
DESIGNATED AGENT Richard A. Rexroad  
ADDRESS P.O. Box 709, Spencer, WV  
SURFACE OWNER Alfred Duba  
ADDRESS Livermore, CA  
MINERAL RIGHTS OWNER Alfred Duba, et al  
ADDRESS Livermore, CA  
OIL AND GAS INSPECTOR FOR THIS WORK Homer  
Dougherty ADDRESS Looneyville, WV

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8	315	315	145 sks
8 5/8			
7	2251	2251	150 sks
5 1/2			
4 1/2	4561	4561	180 sks
3			
2			
Liners used			

PERMIT ISSUED October 4, 1984  
DRILLING COMMENCED December 12, 1984  
DRILLING COMPLETED December 18, 1984

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON \_\_\_\_\_

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 4600 feet  
Depth of completed well 4598 feet Rotary X / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh 60 feet; Salt \_\_\_\_\_ feet  
Coal seam depths: N/A Is coal being mined in the area? \_\_\_\_\_

OPEN FLOW DATA  
Producing formation Devonian Shale Pay zone depth 4467 feet  
Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 340 Mcf/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 48 hours  
Static rock pressure 975 psig (surface measurement) after 24 hours shut in  
(If applicable due to multiple completion--)  
Second producing formation \_\_\_\_\_ Pay zone depth \_\_\_\_\_ feet  
Gas: Initial open flow \_\_\_\_\_ Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ Mcf/d Oil: Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ hours  
Static rock pressure \_\_\_\_\_ psig (surface measurement) after \_\_\_\_\_ hours shut in

09/15/2023

(Continue on reverse side)

ROANE - 3824

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

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DEC 18 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 087-3824 Ren.

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company Address Farm Well No. District Drilling commenced Drilling completed Date shot Initial open flow Open flow after tubing Volume Rock pressure Oil Fresh water Salt water	CASING AND TUBING Size 16 13 10 8 1/4 6 5/8 5 3/16 3 2 Liners Used	USED IN DRILLING	LEFT IN WELL	PACKERS
				Kind of Packer Size of Depth set Perf. top Perf. bottom Perf. top Perf. bottom
<u>Key Oil Co.</u>				
<u>Spencer, W. Va.</u>				
<u>Alfred Duba</u>				
<u>338-1</u>				
<u>Harper</u> County <u>Roane</u>				
_____				
_____ Total depth _____				
_____ Depth of shot _____				
_____ /10ths Water in _____ Inch				
_____ /10ths Merc. in _____ Inch				
_____ Cu. Ft.				
_____ lbs. _____ hrs.				
_____ bbls., 1st 24 hrs.				
_____ feet _____ feet				
_____ feet _____ feet				

CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. FT. \_\_\_\_\_ Date \_\_\_\_\_

NAME OF SERVICE COMPANY \_\_\_\_\_

COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

\_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names \_\_\_\_\_

Remarks:  
12-11-84 looked up location + inspected construction  
D.S. Bowers excavating digging pit on upper  
side of location with track backhoe.

12-11-84  
DATE

Homer H. Daugherty  
DISTRICT WELL INSPECTOR  
09/15/2023



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

RECEIVED  
DEC 27 1984

OIL & GAS DIVISION

INSPECTOR'S WELL REPORT DEPT. OF MINES

Permit No. 087-3824 Perm.

Oil or Gas Well \_\_\_\_\_  
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Key Oil Co.</u>	Size			
<u>Spencer, W.Va</u>	16			Kind of Packer _____
<u>Alfred Duba</u>	13			
<u>338-1</u>	10			Size of _____
<u>Harper</u> County <u>Roane</u>	<del>8</del> <u>9 5/8</u>		<u>305</u>	
<u>12/12/84</u>	6 3/8			Depth set _____
_____ Total depth _____	5 3/16			
_____ Depth of shot _____	3			Perf. top _____
_____ /10ths Water in _____ Inch	2			Perf. bottom _____
_____ /10ths Merc. in _____ Inch	Liners Used _____			Perf. top _____
_____ Cu. Ft.				Perf. bottom _____
_____ lbs. _____ hrs.	CASING CEMENTED <u>9 5/8</u> SIZE <u>305</u> No. FT. <u>12/13/84</u> Date			
_____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY <u>Halliburton</u>			
_____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
_____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
_____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names David Snyder Pusher S. Starcher

Clint Hurt Rig #4

Remarks: 12/12/84 Rig moved on + started drilling surface hole  
12/13/84 Ran 305 ft of 9 5/8" surface pipe + cemented with 145  
sacks of neat 3% CC1 + 1/4 lb. of floccle Plug down 5:00 AM  
12/16/84 Ran 2240 ft of 7" pipe + cemented with 150 sacks of  
50/50 pozmix 2% CC1 + 1/4 lb. of floccle Plug down 2:00 P.M.  
12/17/84 3247 ft deep drilling on air with 6 1/4" Bit.

12/17/84  
DATE

Homer H. Dougherty  
DISTRICT WELL INSPECTOR  
09/15/2025





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

RECEIVED  
MAY 15 1985

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION

Permit No. 089-3824-Per.

DEPT. OF MINES  
Oil or Gas Well  
(KIND)

Company <u>Key Oil Co.</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Spencer, W. Va.</u>	Size			
Farm <u>Alfred Daba</u>	16			Kind of Packer
Well No. <u>338-1</u>	13			
District <u>Harper</u> County <u>Roane</u>	10			Size of
Drilling commenced <u>12/12/84</u>	8 1/4			Depth set
Drilling completed <u>12/18/84</u> Total depth <u>4591</u>	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top
Volume _____ Cu. Ft.	Liners Used			Perf. bottom
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Status Report

Remarks: 5/8/85 Redomation done pit filled lined, fertilized, seeded & mulched. good job on Rec. Can be Released when grass grows Well in Production.

5/8/85  
DATE

Homer H. Dargatzis  
0911512923  
DISTRICT WELL INSPECTOR



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

**RECEIVED**  
FEB 19 1985

OIL & GAS DIVISION

Permit No. 087-3824 County. Roane **DEPT. OF MINES**  
Company. Key Oil, Inc. Farm. Alfred Duba  
Inspector. Homer Dougherty Well No. 338-1  
Date. September 20, 1984 Issued. 8-10-84

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 4-10-84 and company says well was not drilled.

This permit was renewed 10-4-84. Well was drilled,  
completed 12-8-84

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

04-Mar-85

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES *Energy*  
OFFICE OF OIL AND GAS  
CHARLESTON 25305  
FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT

RECEIVED  
AUG 27 1985

DIVISION OF OIL & GAS  
DEPARTMENT OF ENERGY

Company: KEY OIL CO.  
Farm: DURA, ALFRED

Well: 338-1

Permit No. 47- 87-3824 (10-04-84)  
County: ROANE

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 Casings	✓	
15.02	Adequate Coal Casings		
15.01	Adequate Production Casings	✓	
15.04	Adequate Cement Strength	✓	
15.05	Cement Type	✓	
23.02	Maintained Access Roads	✓	
7.01	Necessary Equipment to Prevent Waste	✓	
7.04	Reclaimed Drilling Pits	✓	
23.05	No Surface or Underground Pollution	✓	
23.07	Requirements for Production & Gathering Pipelines	✓	
16.01	Well Records on Site	✓	
16.02	Well Records Filed		
7.05	Identification Markings	✓	

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED *Homer H. Dougherty*  
DATE *8/20/85*

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

*T. H. ...*  
Administrator

September 3, 1985

Date

09/15/2023

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.

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

WITNESS:

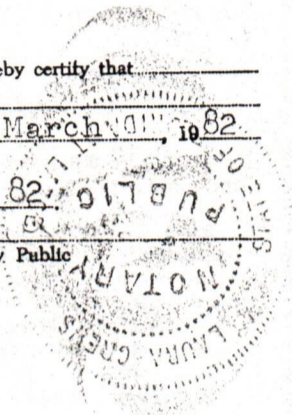
*Jetty D. Morgan*  
*Linda L. Schatz*

*Edward J. McMurray* (SEAL)  
*Dorothy McMurray* (SEAL)

FLORIDA  
STATE OF ~~WEST VIRGINIA~~ FLORIDA  
COUNTY OF Bradford } To-wit:

I, Laura Crews, a Notary Public of said County, do hereby certify that Edward J. McMurray and Dorothy McMurray whose name S signed to the within writing bearing date the 18th day of March, 1982 has S this day acknowledged the same before me in my said County.

Given under my hand this 18th day of March, 1982  
NOTARY PUBLIC, STATE OF FLORIDA AT LARGE  
My Commission expires MY COMMISSION EXPIRES FEB. 12, 1984 Notary Public



WEST VIRGINIA ACKNOWLEDGMENT  
STATE OF WEST VIRGINIA } 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 \_\_\_\_\_

STATE OF WEST VIRGINIA,  
ROANE COUNTY COMMISSION CLERK'S OFFICE, 25 March 1982 9:23A M.

Book No. 164  
The foregoing instrument together with the certificate thereto annexed, was this date admitted to record in said office.

File No. 13640  
Fees \$ 3.00

GENE M. ASHLEY, Clerk  
By Carolyn Batten Deputy

My Commission expires \_\_\_\_\_

Notary Public

ADMITTED TO RECORD  
1982 MAR 25 AM 9:23  
BOOK NO. 164 PAGE NO. 626  
GENE M. ASHLEY  
ROANE COUNTY COMMISSION  
W. VA.

RECORDING DATA:  
Term \_\_\_\_\_  
County \_\_\_\_\_ State \_\_\_\_\_  
Location \_\_\_\_\_  
Acres \_\_\_\_\_  
Date \_\_\_\_\_, 19\_\_\_\_  
TO \_\_\_\_\_

M & J JOINT VENTURE  
(Standard Ohio & W. Va.)  
Oil and Gas Lease  
09/15/2023

Ele

# OIL AND GAS LEASE

Lease No. 338

AGREEMENT, made and entered into this 15th day of March A.D. 1982.

by and between Edward C. McMurray and Dorothy McMurray, his wife

of Florida 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 David Cox

EAST by lands of J.W. Westfall

SOUTH by lands of E.M. Harris

WEST by lands of Clara West

On Waters of

Containing one hundred fifty-six (156) acres, more or less.

2. It is agreed that this lease shall remain in force for a primary term of 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 March 15, 1983 unless Lessee pays thereafter a rental of \$5.00 per acre per year for each twelve 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 lessors direct, or by check payable to his (or her) order mailed to Rt. 4, Box 502 Starke, Florida 32091 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.

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

09/15/2023

13. This lease embodies the entire tract and agreement between Lessor and Lessee, and all 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.

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

WITNESS:

✓ Fanny C. Reed (SEAL)  
✓ William B. Reed, Jr. (SEAL)  
..... (SEAL)  
..... (SEAL)  
..... (SEAL)  
..... (SEAL)  
..... (SEAL)  
..... (SEAL)

BOOK 163 PAGE 114

WEST VIRGINIA ACKNOWLEDGMENT

STATE OF WEST VIRGINIA

COUNTY OF Roane

To-wit:

I, Denise Ann Moss, a Notary Public of said County, do hereby certify that Fanny C. Reed and William B. Reed, Jr.

whose names signed to the within writing bearing date the 7th day of January, 1982 have this day acknowledged the same before me in my said County.

Given under my hand this 26th day of January, 1982.

My Commission expires August 16, 1988 Denise Ann Moss Notary Public  
Comm. as Denise Ann Harper

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\_\_\_\_ have 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

SPENCER BUSINESS FORMS CO., INC.

ADMITTED TO RECORD

1982 FEB -2 PM 1:33  
Lease 163  
BOOK NO. 163  
GENE M. ASHLEY  
ROANE COUNTY COMMISSIONER  
W. VA.

RECORDING DA  
Term \_\_\_\_\_  
County \_\_\_\_\_  
Location \_\_\_\_\_  
Acres \_\_\_\_\_  
Date \_\_\_\_\_  
TO \_\_\_\_\_  
Oil and Gas  
(Standard Ohio & W. Va.)  
M & J JOINT V

09/15/2023

STATE OF WEST VIRGINIA,  
ROANE COUNTY COMMISSION CLERK'S OFFICE, 2 February 1982 1:33 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. 12721

Fees \$ 3.00

GENE M. ASHLEY, Clerk  
By Carolyn Curber, Deputy



# OIL AND GAS LEAS

Lease No. 338

AGREEMENT, made and entered into this 7th day of January A.D. 1982 by and between Fanny C. Reed and William B. Reed, Jr. her husband

BOOK 163 PAGE 113

of Spencer, West Virginia 25276 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 David Cox

EAST by lands of J. W. Westfall

SOUTH by lands of E. M. Harris

WEST by lands of Clara West

On Waters of

Containing one hundred fifty-six (156) 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 7, 1982, unless Lessee pays thereafter a rental of \$5.00 per acre per year 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 Fanny C. Reed direct, or by check payable to his (or her) order mailed to Parkersburg Rd., Spencer, W. Va. 25276 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.

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

9915203

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.

This lease is amended and modified only as to those terms and provisions set forth in Exhibit "A" attached hereto and made a part hereof.

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

WITNESS:

*Alfred G. Duba* (SEAL) ✓  
*Lucille S. Duba* (SEAL) ✓  
..... (SEAL)  
..... (SEAL)  
..... (SEAL)  
..... (SEAL)  
..... (SEAL)  
..... (SEAL)

CALIFORNIA

CALIFORNIA

~~WEST VIRGINIA~~ ACKNOWLEDGMENT

STATE OF ~~WEST VIRGINIA~~

COUNTY OF Alameda

To-wit:

I, Alfred G. Duba and Lucille S. Duba, his wife

whose names are signed to the within writing bearing date the 8th day of March, 19 82

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

Given under my hand this 12th day of March 19 82  
*Mary L. Norvell*  
Notary Public

My Commission expires 12-17-82

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

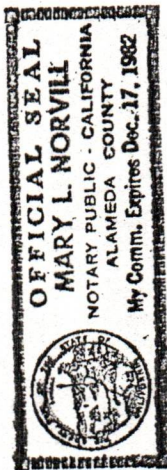
that he did sign the foregoing instrument, and that the same is free act and deed. In testimony

whereof I have hereunto subscribed my name at, this

day of, 19

My Commission expires

Notary Public



SPENCER BUSINESS FORMS CO., INC.

BOOK 164 PAGE 416

M & J JOINT VENTURE  
(Standard Ohio & W. Va.)  
**Oil and Gas Lease**

09/15/2023

TO

\_\_\_\_\_  
Date \_\_\_\_\_ 19\_\_\_\_  
\_\_\_\_\_  
Acres \_\_\_\_\_  
\_\_\_\_\_  
Location \_\_\_\_\_  
\_\_\_\_\_  
County \_\_\_\_\_ State \_\_\_\_\_  
Term \_\_\_\_\_  
RECORDING DATA:

# OIL AND GAS LEASE

BOOK 104 PAGE 410

Lease No. 338

AGREEMENT, made and entered into this 8th day of March A.D. 1982  
by and between Alfred G. Duba and Lucille S. Duba, his wife

of Livermore, California 94550 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 Noah Hunt

EAST by lands of J.W. Westfall

SOUTH by lands of C.F. Price

WEST by lands of Clara West

On Waters of

Containing one hundred fifty-six (156) 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 March 8, 1983, unless Lessee pays thereafter a rental of \$5.00 per acre or each twelve 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 Lessor  
direct, or by check payable to his (or her) order mailed to 341 Lincoln Ave., Livermore, CA 94550  
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.

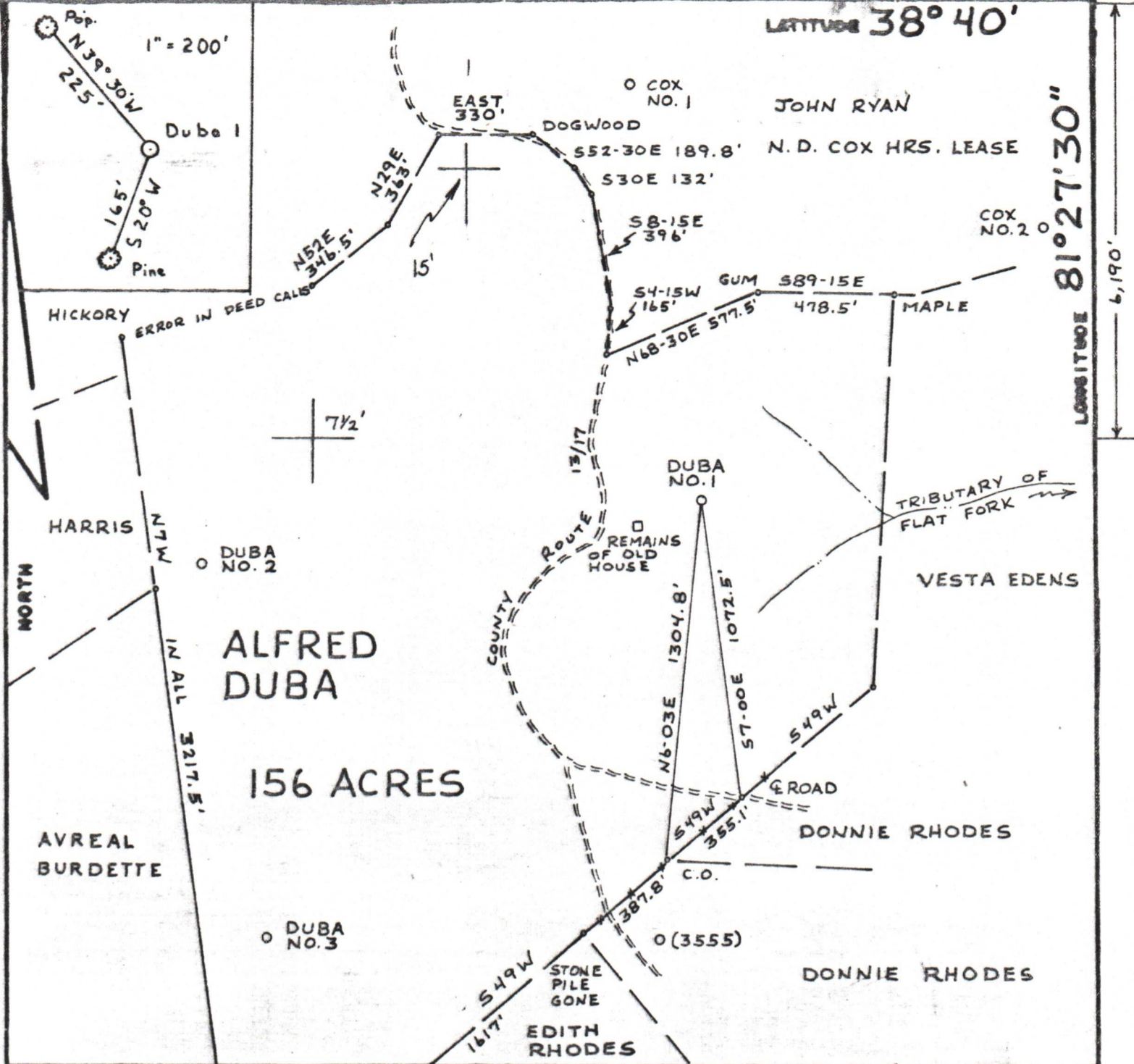
This instrument prepared by M & J JOINT VENTURE, Spencer, W. Va.

7-18-83

11,100'

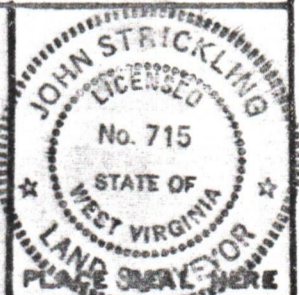
LATITUDE 38° 40'

LONGITUDE 81° 27' 30"



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION ROAD INT. ELEV. 100'

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) John Strickling  
 R.P.E. \_\_\_\_\_ L.L.S. 715



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



DATE 20 APRIL, 19 82  
 OPERATOR'S WELL NO DUBA 1  
 API WELL NO. 47-087  
 STATE COUNTY PERMIT 3824-Ren.

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 927' WATER SHED FLAT FORK  
 DISTRICT HARPER COUNTY ROANE  
 QUADRANGLE WALTON, W.VA. 7 1/2'  
 SURFACE OWNER ALFRED DUBA ACREAGE 156  
 OIL & GAS ROYALTY OWNER ALFRED DUBA LEASE ACREAGE 156  
 LEASE NO. 338  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUS OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_  
 PLUS AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION MARCELLUS SHALE ESTIMATED DEPTH 5700'  
 WELL OPERATOR KEY OIL COMPANY DESIGNATED AGENT Dick Rexroad  
 ADDRESS P.O. Box 709 ADDRESS P.O. Box 727  
Spencer, W.V. 25276 SPENCER, W.V.A. 25276

09/15/2023

ROANE 3824