



1) Date: December 23, 19 83  
 2) Operator's Well No. 3-1933  
 3) API Well No. 47 - 083 - 0864  
 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: 2808' Watershed: Marsh Fork  
 District: Middle Fork County: Randolph Quadrangle: Pickens
- 6) WELL OPERATOR Union Drilling, Inc. 7) DESIGNATED AGENT Joseph C. Vanzant, Jr.  
 Address Post Office Drawer 40 Address Post Office Drawer 40  
Buckhannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Phillip Tracy Name Union Drilling, Inc.  
 Address General Delivery Address Post Office Drawer 40  
Ellamore, WV 26267 Buckhannon, WV 26201
- 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, Benson
- 12) Estimated depth of completed well, 2808 feet
- 13) Approximate trata depths: Fresh, ? feet; salt, ? feet.
- 14) Approximate coal seam depths: ? Is coal being mined in the area? Yes  / No  /

RECEIVED  
 JAN 5 - 1984  
 OIL & GAS DIVISION  
 DEPT. OF MINES

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		Kinds	Depths set
Conductor	11-3/4		32		X	30'	30'			
Fresh water										
Coal						1340'	1340'	CTS NEAR		
Intermediate	8-5/8		23		X	1000'	1000'	209 sacks		
Production	4-1/2	J	10.5	X		4200'	4200'	878 sacks		
Tubing								or as req. by rule 15-a		
Liners									Perforations:	
									Top	Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-083-0864 Date January 23, 1984

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 January 23, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

BLANKET BOND

Bond:	Agent: <input checked="" type="checkbox"/>	Plat: <input checked="" type="checkbox"/>	Casing: <input checked="" type="checkbox"/>	Fee: <u>212-615</u>
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*[Signature]*  
 Administrator, Office of Oil and Gas

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



OFFICE USE ONLY

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

1) LOCATION: \_\_\_\_\_  
 2) WELL OPERATOR: \_\_\_\_\_  
 3) OIL & GAS INSPECTOR TO BE NOTIFIED: \_\_\_\_\_  
 4) PROPOSED WELL WORK: \_\_\_\_\_  
 5) GEOLOGICAL TARGET FORMATION: \_\_\_\_\_  
 6) APPROXIMATE COMPLETION DEPTH: \_\_\_\_\_  
 7) APPLICANT'S TARGET DEPTH: \_\_\_\_\_  
 8) IS COAL BEING MINED IN THE AREA? \_\_\_\_\_

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

Follow-up inspection(s)

Well work started

Completion of the drilling process

Well Record received

Reclamation completed

OTHER INSPECTIONS

Reason:

Reason:

BLANKET BOND  
20,000.00  
2/15/23

08/25/2023

1) Date: December 23, 1983  
2) Operator's Well No. 3-1933  
3) API Well No. 47-083-0864  
State County Permit

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 J & F Company  
Address c/o James H. Brewster, Jr.  
P. O. Box 590, Weston, WV 26452  
(ii) Name  
Address  
(iii) Name  
Address

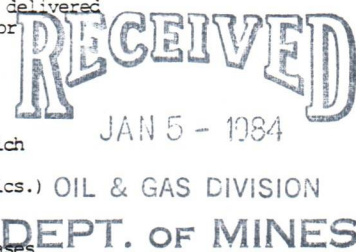
5(i) COAL OPERATOR  
Address  
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name SEE ATTACHMENT  
Address  
Name  
Address  
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name Boden Coal Company  
Address 215 Central Avenue  
Newark, NJ 07103

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.



6) 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.) OIL & GAS DIVISION

7) ROYALTY PROVISIONS

Is 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 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.

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 Joseph C. Pettey

this 23 day of December, 1983.  
My commission expires March 3, 1991.

A. Bradford Zimmerman  
Notary Public, Upshur County,  
State of West Virginia

WELL OPERATOR Union Drilling, Inc.  
By Joseph C. Pettey  
Its Vice President of Production  
Address Post Office Drawer 40  
Buckhannon, WV 26201  
Telephone 304-472-4610

08/25/2023

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.

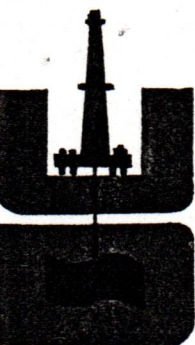
Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code §§ 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

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>
Allan A. Warren, et. al.	Union Drilling, Inc.	1/8	335/464, 470, 288, 290 460, 462, 506, 508



**UNION DRILLING, INC.**

Drawer 40  
Buckhannon, WV 26201

**DRILLING CONTRACTORS  
PRODUCERS OF OIL AND GAS**

SUPPLEMENT TO OIL AND GAS WELL PERMIT APPLICATION FORM IV-2(A)

Date: December 23, 1983

Operator's Well No. 1933 and 1950

COAL, OIL AND GAS OWNERS ARE THE SAME:

Mr. and Mrs. Allan Warren ✓  
246 First Street  
Weston, West Virginia 26452

Mr. and Mrs. Walter H. Warren, Jr. ✓  
1030 Ponderosa Drive  
Culloden, West Virginia 25510

Mr. Irving J. Bradley ✓  
402 West Timonium Street  
Lutherville, Maryland 21093

Mr. and Mrs. Andrew F. Sleigh ✓  
570 Locust Street  
Weston, WV 26452

Mr. and Mrs. John W. Orr ✓  
464 Main Avenue  
Weston, WV 26452

Mr. and Mrs. Warren G. Bodkin, Jr. ✓  
2617 Glendale Avenue  
South Charleston, WV 25303

Mr. and Mrs. Elgin K. VanMeter ✓  
1660 Pinetree Drive  
Pittsburgh, PA 15241

08/25/2023

P 471 413 924

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to	
J & F Company	
Street and No. c/o P. O. Box 590	
P.O., State and ZIP Code Weston, WV 26452	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	JAN 4 1984 WV

P 471 413 925

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Mr. & Mrs. Warren G. Bodkin, Jr

Sent to	
Mr. & Mrs. Warren G. Bodkin, Jr	
Street and No. 2617 Glendale Avenue	
P.O., State and ZIP Code S. Charleston, WV 25303	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	BUCKHANNON JAN 4 1984 WV

P 471 413 926

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to	
Mr. & Mrs. John W. Orr	
Street and No. 464 Main Avenue	
P.O., State and ZIP Code Weston, WV 26452	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	BUCKHANNON JAN 4 1984 WV

P 471 413 927

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Mr. & Mrs. Andrew F. Sleight

Sent to	
Mr. & Mrs. Andrew F. Sleight	
Street and No. 570 Locust Street	
P.O., State and ZIP Code Weston, WV 26452	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	BUCKHANNON JAN 4 1984 WV

P 471 413 928

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Mr. Irving J. Bradley

Sent to	
Mr. Irving J. Bradley	
Street and No. 402 W. Timonium Street	
P.O., State and ZIP Code Lutherville, MD 21093	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	BUCKHANNON JAN 4 1984 WV

P 471 413 929

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Mr. & Mrs. Walter H. Warren, Jr

Sent to	
Mr. & Mrs. Walter H. Warren, Jr	
Street and No. 1030 Ponderosa Drive	
P.O., State and ZIP Code Culloden, WV 25510	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	BUCKHANNON JAN 4 1984 WV

08/25/2023

RECEIVED

MAY 8 - 1984



IV-35 (Rev 8-81)

OIL & GAS DIVISION DEPT. OF MINES State of West Virginia Department of Mines Oil and Gas Division

Date May 4, 1984 Operator's Well No. 3 - 1933 Farm Warren Heirs #3 API No. 47 - 083 - 0864

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 / Underground Storage / Deep / Shallow x /)

LOCATION: Elevation: 2808' Watershed Marsh Fork District: Middle Fork County Randolph Quadrangle Pickens

COMPANY UNION DRILLING, INC. ADDRESS P.O. Drawer 40, Buckhannon, WV 26201 DESIGNATED AGENT Joseph C. Vanzant, Jr. ADDRESS P.O. Drawer 40, Buckhannon, WV 26201 SURFACE OWNER J & F Company ADDRESS P.O. Box 590, Weston, WV 26452 MINERAL RIGHTS OWNER see attached sheet ADDRESS OIL AND GAS INSPECTOR FOR THIS WORK Phil Tracy ADDRESS Gen. Del. Ellamore, WV PERMIT ISSUED 1/23/84 26267 DRILLING COMMENCED 2/1/84 DRILLING COMPLETED 2/6/84

Table with 4 columns: Casing & Tubing, Used in Drilling, Left in Well, Cement fill up Cu. ft. Rows include sizes 20-16 Cond., 13-10", 9 5/8, 8 5/8, 7, 5 1/2, 4 1/2, 3, 2, and Liners used.

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

GEOLOGICAL TARGET FORMATION Benson Depth 4200' feet Depth of completed well 4175' feet Rotary x / Cable Tools Water strata depth: Fresh 150' feet; Salt 2414' feet Coal seam depths: 150/155 781/783 Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Riley, Benson Pay zone depth 3764' feet Gas: Initial open flow show Mcf/d Oil: Initial open flow Bbl/d Final open flow 169 Mcf/d Oil: Final open flow Bbl/d Time of open flow between initial and final tests 2 hours Static rock pressure 600# psig (surface measurement) after 24 hours shut in (If applicable due to multiple completion--)

08/25/2023

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

(Continue on reverse side)

Randolph 0864

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

Halliburton - 3 stage Foam Frac - 4/25/84

- 2529/38 - Elizabeth - 435 sks. sand, 611 Bbls water and 417,000 scf nitrogen
- 2827/31 - Speechly - 450 sks. sand, 704 Bbls water and 390,000 scf nitrogen
- 3644/94 - 1st Riley - 600 sks. sand, 812 Bbls water and 522,000 scf nitrogen
- 3764 - 2nd Riley

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Sand & Shale			0	150	1/4" stream water @150'
Coal			150	155	
Sand & Shale			155	781	
Coal			781	783	
Sand & Shale			783	1460	
Blue Monday			1462	1520	
Big Lime			1521	1679	
Injun			1681	1860	
Squaw			1788	1815	
4th Sand			2274	2352	
5th Sand			2400	2430	1/4" stream water @2414'
Elizabeth			2518	2542	
Speechly			2768	2864	
Bradford			3362	3384	
1st Riley			3642	3709	
2nd Riley			3750	3778	
				4145	T.D. gas show

(Attach separate sheets as necessary)

UNION DRILLING, INC

Well Operator

By:

*Joseph C. Petty*

08/25/2023

Date:

Joseph C. Petty, Vice President of Production

5/7/84

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."





RECEIVED

NOV 1 - 1984

OIL & GAS DIVISION  
DEPT. OF MINES

State of West Virginia  
Department of Mines  
Oil and Gas Division  
Charleston 25305

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
May 30, 1984

COMPANY Union Drilling, Inc.

PERMIT NO 083-0864

P. O. Drawer 40

FARM & WELL NO Warren Heirs #3-1933

Buckhannon, West Virginia 26201

DIST. & COUNTY Middle Fork/Randolph

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 Strenght	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	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 Phillip Ivory

DATE 10-30-84

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.

TLL v AB  
Administrator-Oil & Gas Division

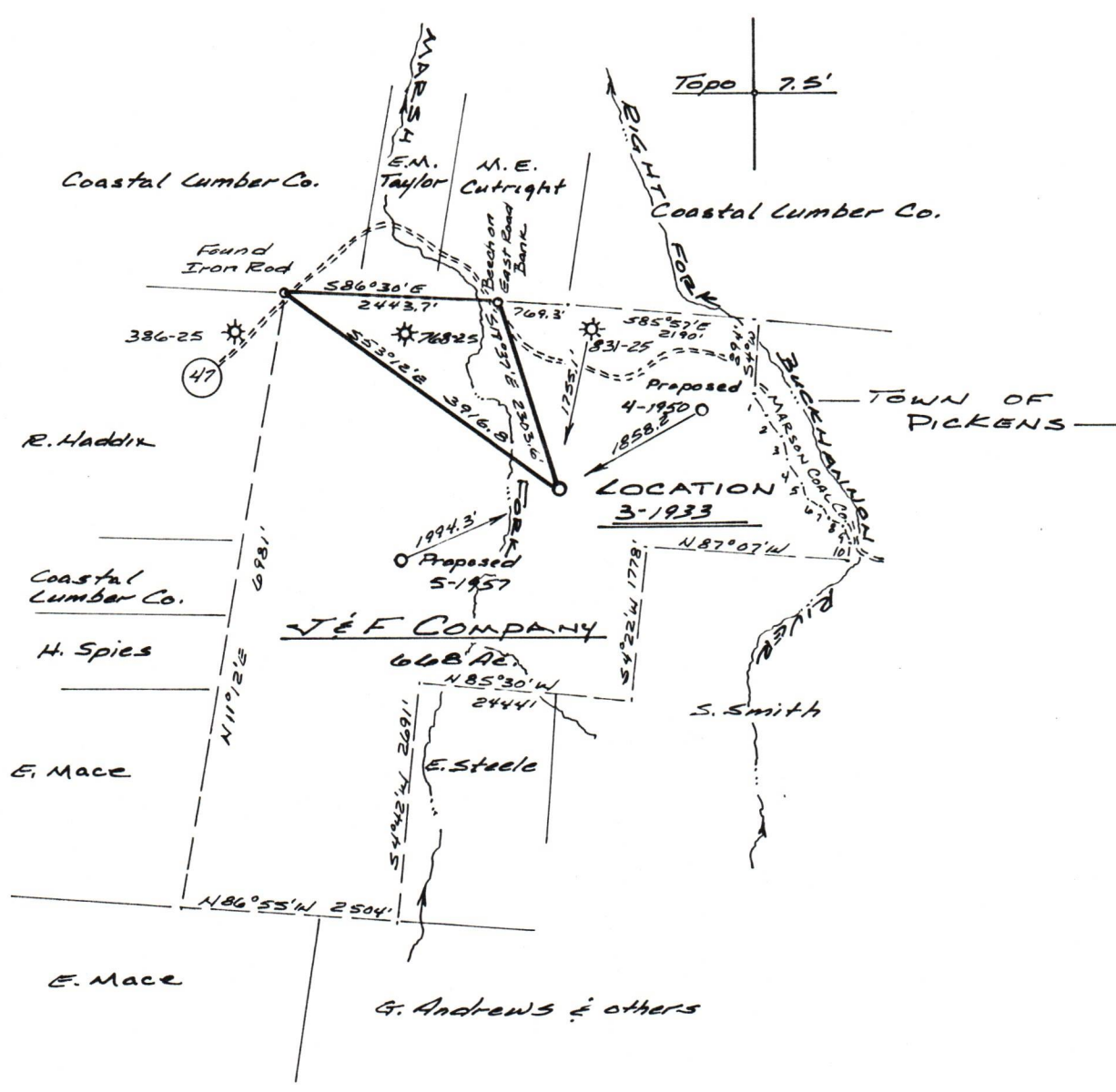
January 11, 1984 08/25/2023  
DATE

Spot R546

4,550' LATITUDE 38°40'00"

LONGITUDE 80°2'30"

NORTH



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

FILE NO. 40.01  
 DRAWING NO. 83-9  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1 in 200  
 PROVEN SOURCE OF ELEVATION BM-2618' NNW of Location.

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) Clifford L. Ostrander  
 R.P.E. \_\_\_\_\_ L.L.S. 555  
Buckhannon, WV

PLACE SEAL HERE

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



DATE 14 December, 19 83  
 OPERATOR'S WELL NO. 3-1933  
 API WELL NO. \_\_\_\_\_

WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
 LOCATION: ELEVATION 2808' WATER SHED Marsh Fork  
 DISTRICT Middle Fork COUNTY Randolph  
 QUADRANGLE Pickens  
 SURFACE OWNER J & F Company ACREAGE 668  
 OIL & GAS ROYALTY OWNER Warrens, Heirs LEASE ACREAGE 668  
 LEASE NO. 1282

PROPOSED WORK: DRILL  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 Benson ESTIMATED DEPTH 4200'  
 WELL OPERATOR Union Drilling, Inc. DESIGNATED AGENT JOSEPH C. VANZANT, JR.  
 ADDRESS P.O. Drawer 40 ADDRESS P.O. Drawer 40  
Buckhannon, WV 26201 Buckhannon, WV 26201

COUNTY NAME RANDOLPH  
 PERMIT 0864

FORM IV-6 (8-78) H.T. HALL