



1) Date: February 3, 1984
 2) Operator's Well No. 1957
 3) API Well No. 47 - 083-0888
 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: 2820' Watershed: Marsh Fork
 District: Middle Fork County: Randolph Quadrangle: Pickens
 6) WELL OPERATOR Union Drilling, Inc.
 Address Post Office Drawer 40
 Buckhannon, WV 26201
 7) DESIGNATED AGENT Joseph C. Vanzant, Jr.
 Address Post Office Drawer 40
 Buckhannon, WV 26201
 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Phillip Tracy
 Address Forest Festival Terrace, Apt. 24
 Elkins, WV 26241
 9) DRILLING CONTRACTOR:
 Name Union Drilling, Inc.
 Address Post Office Drawer 40
 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, 4200' feet
 13) Approximate trata depths: Fresh, ? feet; salt, ? feet.
 14) Approximate coal seam depths: ? Is coal being mined in the area? Yes / No

RECEIVED
 FEB 8 - 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		
Conductor	11-3/4		32	X		30'	30'		Kinds
Fresh water									Sizes
Coal									
Intermediate	8-5/8		23	X		1000'	1000'	to surface	NEAT
Production	4-1/2	J	10 1/2	X		4200'	4200'	as required	Depths set
Tubing								by rule 15.01	
Liners									Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-083-0888 Date March 5, 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 March 5, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: <i>LS</i>	Plat: <i>MN</i>	Casing: <i>MH</i>	Fee: <i>013-747</i>
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[Signature]
 Administrator, Office of Oil and Gas

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

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

Reason: _____

2017	2018	2019	2020	2021
1	1	1	1	1

Reason: _____

OTHER INSPECTIONS

Reclamation completed

Well Record received

Completion of the drilling

Well work started

Application received

Follow-up inspection(s)

Date(s)

Date

OFFICE USE ONLY

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

DEPT. OF MINES
DIVISION OF OIL & GAS

RECEIVED

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

1. LOCATION: _____

2. WELL OPERATOR: _____

3. WELL INSPECTOR TO BE NOTIFIED: _____

4. PROPOSED WELL WORK: _____

5. GEOLOGICAL TARGET FORMATION: _____

6. OTHER PHYSICAL CHANGES IN WELL (SPECIFY): _____

7. PERMITS AND TUBING PROGRAM: _____

OFFICE USE ONLY

DEPARTMENT OF ENERGY
STATE OF VIRGINIA

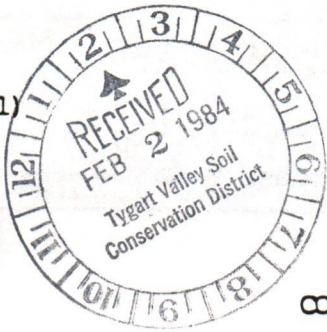


FILE COPY

08/25/2023

FORM IV-2(B)

Reverse



DATE 2-1-84
WELL NO. 1957^{#5}
API NO. 47-083-0888

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

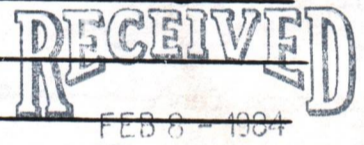
COMPANY NAME Union Drilling, Inc. DESIGNATED AGENT Joseph C. Vanzant, Jr.
Address P. O. Drawer 40, Buckhannon, WV Address P. O. Drawer 40, Buckhannon, WV 26201
Telephone 472-4610 Telephone 472-4610

LANDOWNER J. E. Company SOIL CONS. DISTRICT Tygart Valley
Revegetation to be carried out by Union Drilling, Inc. (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections
and additions become a part of this plan: 2-11-84

(Date)
Junior Hedrick
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Culvert Pipe (12" Min)</u> (A)	Structure _____ (1)
Spacing <u>At Natural Drains</u>	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure <u>Cross Drains</u> (B)	Structure _____ (2)
Spacing <u>250 + -</u>	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure <u>Roadway Ditch</u> (C)	Structure _____ OIL & GAS DIVISION (3)
Spacing _____	Material _____ DEPT. OF MINES
Page Ref. Manual _____	Page Ref. Manual _____



All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

Lime 3 Tons/acre
or correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch 2 Tons/acre

Seed* Ky-31 30 lbs/acre
Birdsfoot 10 lbs/acre
Domestic Rye 10 lbs/acre

Treatment Area II

Lime 3 Tons/acre
or correct to pH 6.5

Fertilizer 600 lbs/acre
(10-20-20 or equivalent)

Mulch 2 Tons/acre

Seed* Ky-31 30 lbs/acre
Birdsfoot 10 lbs/acre
Domestic Rye 10 lbs/acre

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

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

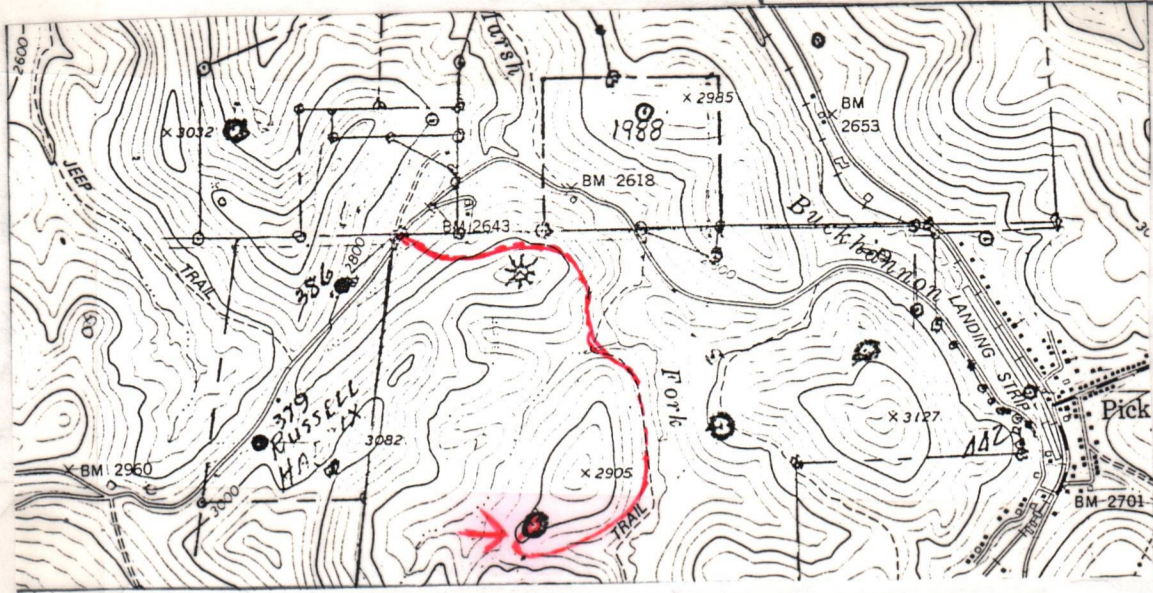
PLAN PREPARED BY Danny Morgan 08/25/2023
ADDRESS P. O. Drawer 40, Buckhannon, WV 26201
PHONE NO. (304) 472-4610

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Pickens 7.5

LEGEND

Well Site ⊕

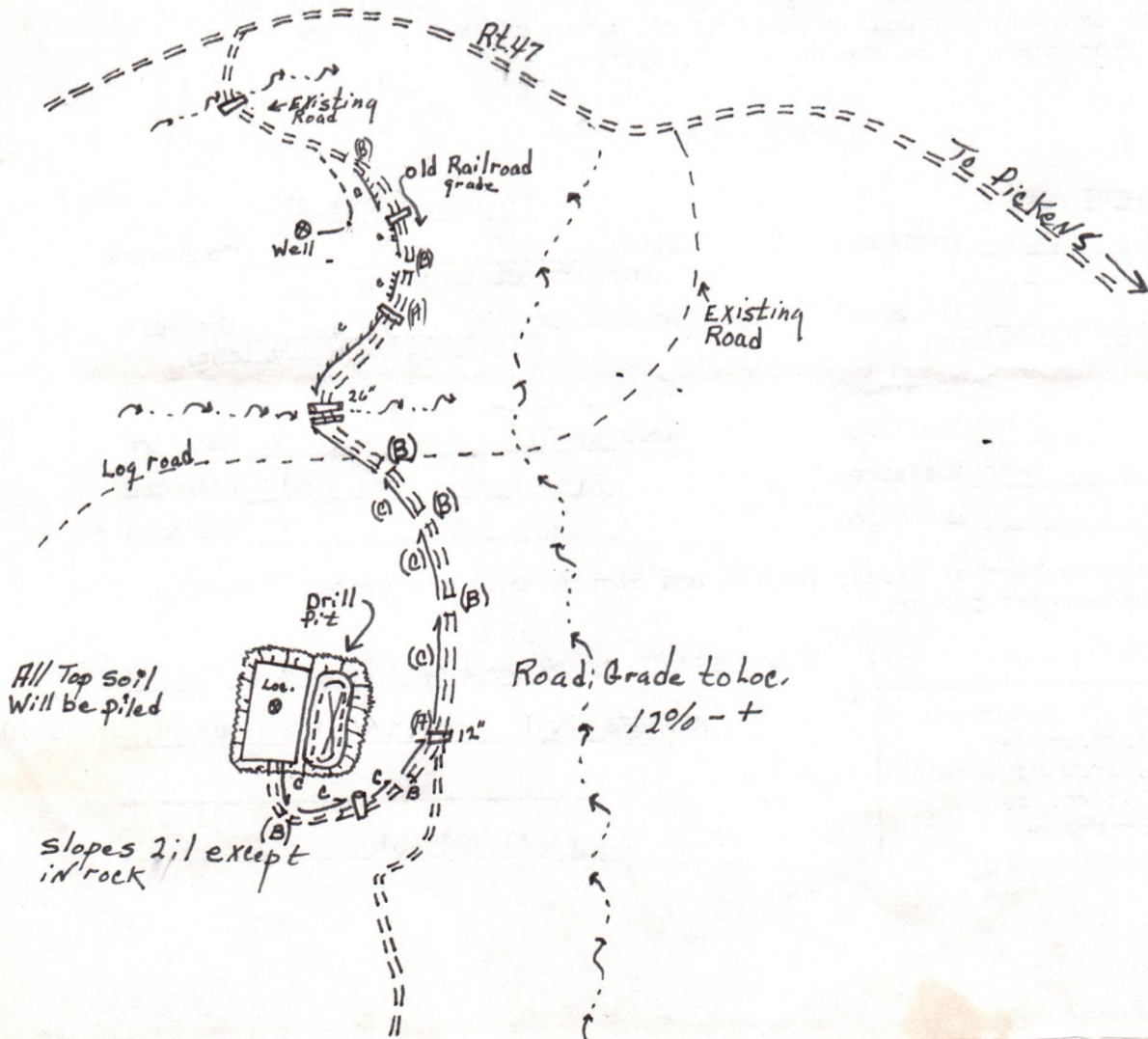
Access Road ———



Sketch to include well location, existing access road, roads to be constructed, well site, 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 — x — x —	Wet spot ☹
Planned fence — / — / —	Building ■
Stream ~ ~ ~ ~ ~	Drain pipe — ○ — ○ —
Open ditch — ···· —	Waterway ⊂ = = = =



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

1) Date: February 3, 1984
2) Operator's Well No. 5-1957
3) API Well No. 47-083-0888
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

5(i) COAL OPERATOR
Address

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

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name SEE ATTACHMENT
Address

(ii) Name
Address

Name
Address

(iii) Name
Address

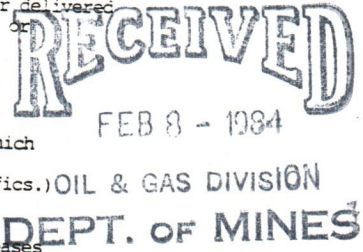
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name Boden Coal Company
Address c/o Hymes and Coonts, Attorneys
23 W. Main St., Buckhannon, WV

TO THE PERSON(S) NAMED ABOVE: You should have received this Form and the following documents: 26201

- (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.)

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 3 day of February, 1984

My commission expires 2/3, 1985

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

ATTACHMENT TO FORM IV- 35
DATE: June 4, 1984
OPERATORS WELL NO. 5-1957

RECEIVED
JUN 6 - 1984

OIL & GAS DIVISION
DEPT. OF MINES

Coal, Oil and Gas Owners:

Mr. and Mrs. Allan Warren
246 First Street
Weston, WV 26452

Mr. and Mrs. Walter H. Warren, Jr.
1030 Ponderosa Drive
Culloden, WV 25510

Mr. Irving J. Bradley
204 Cranbrook Road
Cockeysville, Maryland 21030

Mr. and Mrs. Andrew F. Sleight
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

RAW D 888

08/25/2023

PS Form 3800, Feb. 1982

* U.S.G.P.O. 1983-403-517

Sent to	Mr. & Mrs. Warren G. Bodkin, Jr.
Street and No.	2617 Glendale Avenue
P.O. State and ZIP Code	South 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	FEB 21 1984 WV

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

P 534 410 825

PS Form 3800, Feb. 1982

* U.S.G.P.O. 1983-403-517

Sent to	Boden Coal Company
Street and No.	c/o Hymes & Coonts, Attorneys
P.O. State and ZIP Code	23 W. Main St., Buckhannon, WV
Postage	\$ 26201
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	FEB 21 1984 WV

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

P 534 410 823

PS Form 3800, Feb. 1982

* U.S.G.P.O. 1983-403-517

Sent to	Mr. and 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	FEB 21 1984 WV

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

P 534 410 826

PS Form 3800, Feb. 1982

* U.S.G.P.O. 1983-403-517

Sent to	J & F Company
Street and No.	c/o James H. Brewster, Jr.
P.O. State and ZIP Code	PO Box 590, 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	FEB 21 1984 WV

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

P 534 410 824

08/25/2023

P 534 410 827

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

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	FEB 21 1984 WV

P 534 410 828

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

Sent to Mr. Irving J. Bradley	
Street and No. 204 Cranbrook Road	
P.O., State and ZIP Code Cockeysville, MD 21030	
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	FEB 21 1984 WV

P 534 410 829

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

Sent to 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	FEB 21 1984 WV

P 534 410 830

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

Sent to Mr. and Mrs. Allan Warren	
Street and No. 246 First 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	FEB 21 1984 WV

08/25/2023



IV-35
(Rev 8-81)

RECEIVED
JUN 6 - 1984
OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date June 4, 1984
Operator's
Well No. 5 - 1957
Farm Warren Heirs #5
API No. 47 - 083 - 0888

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: 2820' 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 26267
PERMIT ISSUED 4/5/84
DRILLING COMMENCED 4/18/84
DRILLING COMPLETED 4/24/84

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	20.00'	20.00'	
9 5/8			
8 5/8	822.70'	822.70'	293 cf
7			
5 1/2			
4 1/2	3872.58'	3872.58'	756 cf
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Benson Depth 4200' feet
Depth of completed well 4100' feet Rotary X / Cable Tools _____
Water strata depth: Fresh none feet; Salt _____ feet
Coal seam depths: 286/288, 367/370 Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Squaw, Speechly Bradford, Pay zone depth 3705' feet
Gas: Initial open flow show Mcf/d^{Riley} Oil: Initial open flow _____ Bbl/d
Final open flow 391 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 2 hours
Static rock pressure 550# psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth 08/25/2023 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)

RAVD 688

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

Dowell - 3 stage Foam Frac - 5/21/84

1824/28 - Squaw - 285 Bbls water, 81,900# 20/40 sand and 426,000 scf nitrogen

2828/32 - Speechly - 100 Bbls water, 21,000# 20/40 sand and 113,000 scf nitrogen

3382 - Bradford - 194 Bbls water, 45,000# 20/40 sand and 443,500 scf nitrogen

3650/3705 - 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	285	
Coal			286	288	
Sand & Shale			288	367	
Coal			367	370	
Sand & Shale			370	1494	
Blue Monday			1494	1524	
Big Lime			1536	1634	
Injun			1638	1798	
Squaw			1804	1834	
4th Sand			2265	2293	
5th Sand			2301	2349	
Bayard			2375	2432	
Lower Bayard			2442	2448	
Elizabeth			2530	2541	
Speechly			2822	2846	
Riley			3647	3706	
				4100'	T.D. gas show

(Attach separate sheets as necessary)

UNION DRILLING, INC.

Well Operator

By: Joseph C. Pettey 08/25/2023

Date: Joseph C. Pettey, Vice President of Production

6/4/84

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
June 13, 1984

COMPANY Union Drilling, Inc.
P. O. Drawer 40
Buckhannon, West Virginia 26201

PERMIT NO 083-0888
FARM & WELL NO Warren Heirs #5-1957
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 Tracy*
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.

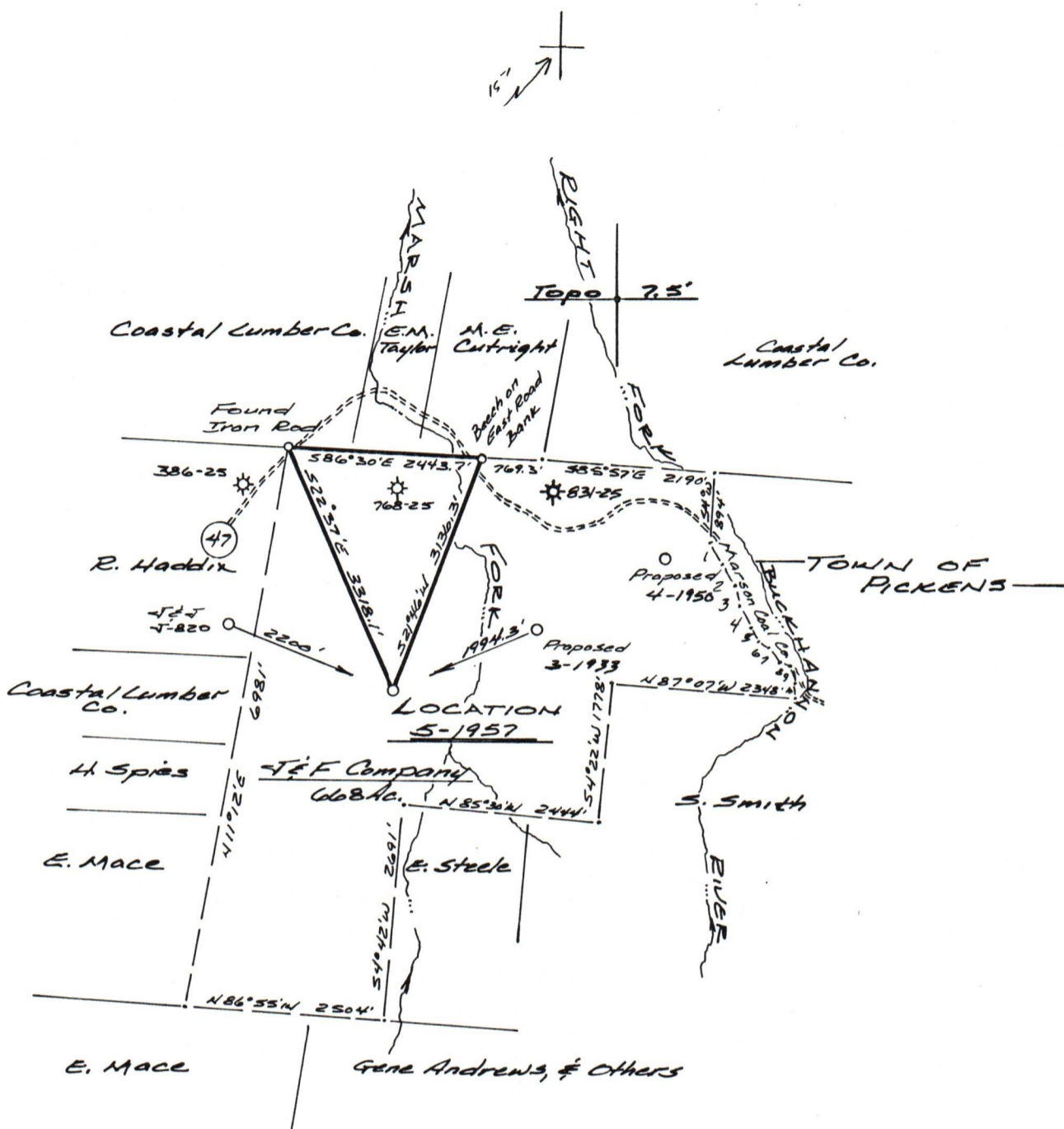
T. L. ...
Administrator-Oil & Gas Division

January 11, 1984
DATE 08/25/2023

6,300'
LATITUDE 38°40'00"

LONGITUDE 80°21'08"

NORTH



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

FILE NO. 40.01
DRAWING NO. 83-11
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY 1 in 200
PROVEN SOURCE OF ELEVATION BM-2618'
North 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) Ruford 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. 5-1957
API WELL NO. _____

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

LOCATION: ELEVATION 2820' 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

08/25/2023

COUNTY NAME RAVU
PERMIT 888