



1) Date: August 1, 19 83  
 2) Operator's Well No. 1 - 1914  
 3) API Well No. 47 - 053 - 0305  
 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: 568.21 Watershed: Flatfoot Creek  
 District: Clendenin County: Mason Quadrangle: Apple Grove
- 6) WELL OPERATOR Union Drilling, Inc. 7) DESIGNATED AGENT Joseph C. Vanzant, Jr.  
 Address P. O. Drawer 40 Address P. O. Drawer 40  
Buckhannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Kenneth Butcher 736-4885 Name Union Drilling, Inc.  
 Address RD #1 Address P. O. Drawer 40  
Barboursville, WV 25504 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, Devonian Shale
- 12) Estimated depth of completed well, 3500 feet
- 13) Approximate trata depths: Fresh, ? feet; salt, ? feet.
- 14) Approximate coal seam depths: ? 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	9 5/8		36#	X		300	300	to surface	Kinds
Fresh water									
Coal									Sizes
Intermediate	7		20#	X		2250	2250	400 sks.	
Production	4 1/2		10.5#	X			3500	350 sks.	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-053-0305 Date August 23, 1983

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 August 23, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BBB</u>	Agent: <u>OK</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>7551</u>
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Michael Lewis  
 Administrator, Office of Oil and Gas

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





OFFICE USE ONLY

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

1) LOCATION: District: \_\_\_\_\_ County: \_\_\_\_\_ Township: \_\_\_\_\_

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

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

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

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

6) PROPOSED WELL WORK: Plug off old formation \_\_\_\_\_ Perforate new formation \_\_\_\_\_

7) GEOLOGICAL TARGET FORMATION: \_\_\_\_\_

8) Estimated depth of completed well: \_\_\_\_\_ feet

9) Approximate data depth: \_\_\_\_\_ feet

10) Approximate casing depth: \_\_\_\_\_ feet

11) Approximate casing depth: \_\_\_\_\_ feet

12) Is coal being mined in the area? Yes \_\_\_\_\_ No \_\_\_\_\_

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: \_\_\_\_\_

Bond	Agent	Permit	Casing	Fee

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

08/25/2020



1) Date: August 1 1983  
 2) Operator's Well No. 1 - 1914  
 3) API Well No. 47 State County Permi

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES, OFFICE OF OIL & GAS

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A. Oil \_\_\_ / Gas xx /  
 B. (If "Gas", Production xx / Underground storage \_\_\_ / Deep \_\_\_ / Shallow x /  
 5) LOCATION: Elevation: 568.21 Watershed Flatfoot Creek  
 District: Clendenin County: Mason Quadrangle: Apple Grove  
 6) WELL OPERATOR Union Drilling, Inc. 7) DESIGNATED AGENT Joseph C. Vanzant, Jr.  
 Address P. O. Drawer 40 Address P. O. Drawer 40  
Buckhannon, WV 26201 Buckhannon, WV 26201  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Kenneth Butcher 736-4885 Name Union Drilling, Inc.  
 Address RFD #1 Address P. O. Drawer 40  
Barboursville, WV 25504 Buckhannon, WV 26201  
 10) PROPOSED WELL WORK: Drill x / Drill Deeper \_\_\_ / Redrill \_\_\_ / Stimulate x /  
 Plug off old formation \_\_\_ / Perforate new formation \_\_\_ /  
 Other physical change in well (specify) \_\_\_\_\_  
 11) GEOLOGICAL TARGET FORMATION, Devonian Shale  
 12) Estimated depth of completed well (or actual depth of existing well), 3500 feet  
 13) Approximate water strate depths: Fresh, ? feet; salt, ? feet.  
 14) Approximate coal seam depths: ? Is coal being mined in the area? Yes \_\_\_ / No x  
 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	9 5/8			x		300	300	to surface	Kinds	
Fresh water										
Coal									Sizes	
Intermediate	7		20#	x		2250	2250	400 sks.		
Production	4 1/2		10.5#	x			3500	350 sks.	Depths set	
Tubing										
Liners									Perforations:	
									Top	Bottom

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 (or less than 5 days if the Application is to plug a well), 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: \_\_\_\_\_

\_\_\_\_\_  
Date: \_\_\_\_\_

By \_\_\_\_\_

(Signature)

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

(Signature

\_\_\_\_\_  
Date: \_\_\_\_\_

**RECEIVED**  
08/25/2023

AUG - 2 1983

OIL & GAS DIVISION  
 DEPT. OF MINES



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.) Permit will be good for 24 months. See Chapter 22, Article 4 of the W. Va. Code.

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, WV 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 personally served or mailed to you 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. (This time is changed to FIVE (5) DAYS from the filing date if the permit is only to plug a well.) 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 should 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.

08/25/2023





IV-9  
(Rev 8-81)

DATE July 27, 1983

WELL NO. 1914

State of West Virginia  
Department of Mines  
Oil and Gas Division

API NO. 47-053-0305

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Union Drilling, Inc. DESIGNATED AGENT Joseph C. Vanzant, Jr.  
Address P O Drawer 40, Buckhannon W V 26201 Address P O Drawer 40, Buckhannon W V 26201  
Telephone (304) 472-4610 Telephone (304) 472-4610  
LANDOWNER Junior F. Powell SOIL CONS. DISTRICT Western  
Revegetation to be carried out by Union Drilling Inc Joseph C Pettey VP (Agent)

This plan has been reviewed by Western SCD. All corrections and additions become a part of this plan:

July 28, 1983  
(Date)  
Leslie Rayburn  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure <u>Ditch Relief Cross Drain</u> (A)	Structure <u>Drill Pit</u> (1)
Spacing <u>200'</u>	Material <u>Earth</u>
Page Ref. Manual <u>1:6</u>	Page Ref. Manual _____
Structure <u>Roadway Ditch</u> (B)	Structure _____ (2)
Spacing <u>As needed</u>	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure _____ (C)	Structure _____
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

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AUG - 2 1983  
OIL & GAS DIVISION  
DEPT. OF MINES

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

REVEGETATION

Treatment Area I

Lime <u>3</u> Tons/acre	or correct to pH <u>6.5</u>
Fertilizer <u>600</u> lbs/acre	(10-20-20 or equivalent)
Mulch <u>Hay or straw</u> 2 Tons/acre	
Seed* <u>Orchard grass</u> 30 lbs/acre	
<u>Red clover</u> 4 lbs/acre	
<u>Ladino clover</u> 2 lbs/acre	

Treatment Area II

Lime <u>3</u> Tons/acre	or correct to pH <u>6.5</u>
Fertilizer <u>600</u> lbs/acre	(10-20-20 or equivalent)
Mulch <u>Hay or straw</u> 2 Tons/acre	
Seed* <u>Orchard grass</u> 30 lbs/acre	
<u>Red clover</u> 4 lbs/acre	
<u>Ladino clover</u> 2 lbs/acre	

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

Ronald L. Eastham

PLAN PREPARED BY Ronald L. Eastham & Associates

08/25/2023

ADDRESS P.O. Box 1544  
Huntington, WV 25716

PHONE NO. 304/525-3171

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



ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Apple Grove, WV

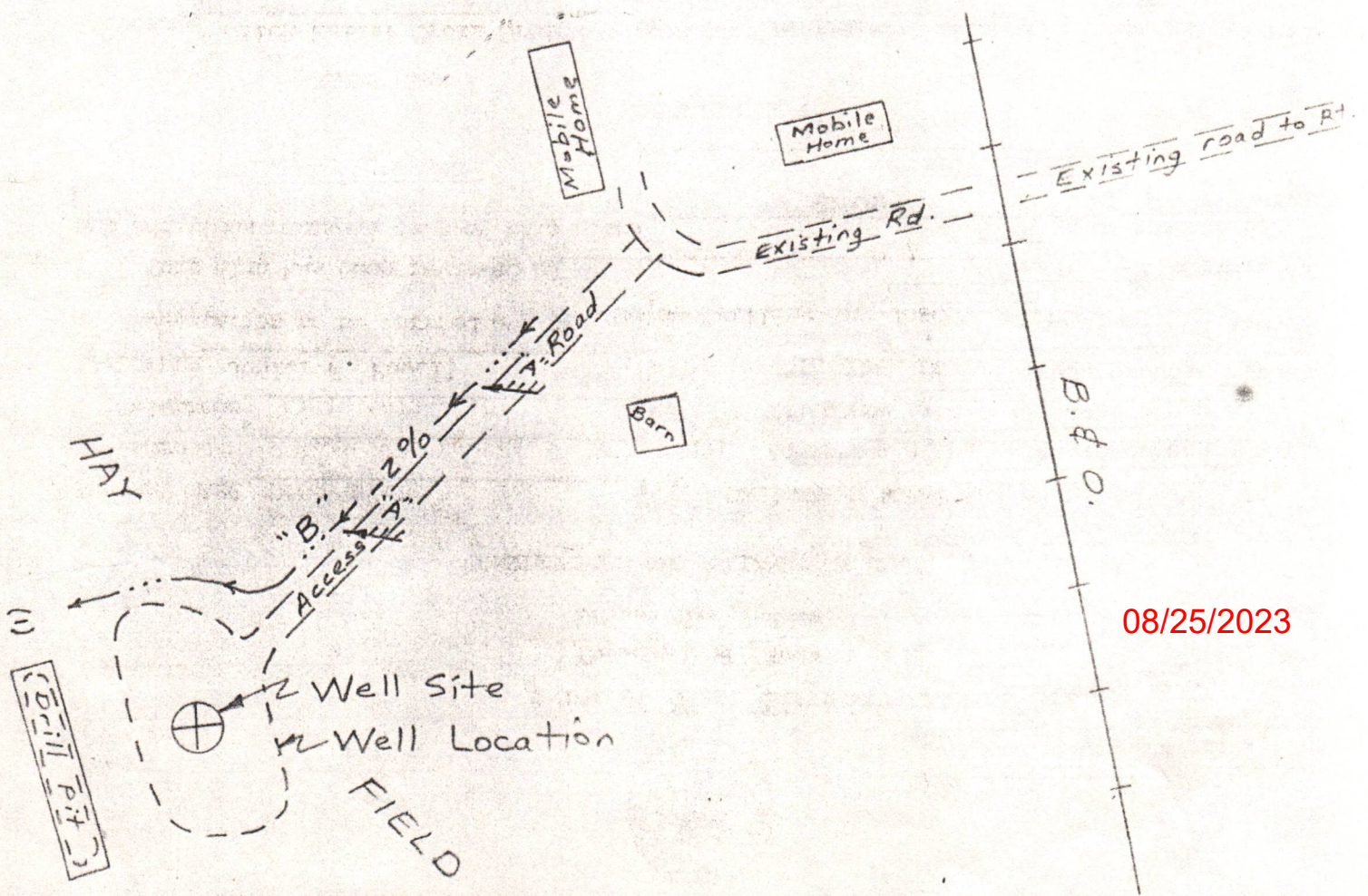
LEGEND	
Well Site	
Access Road	

WELL SITE PLAN

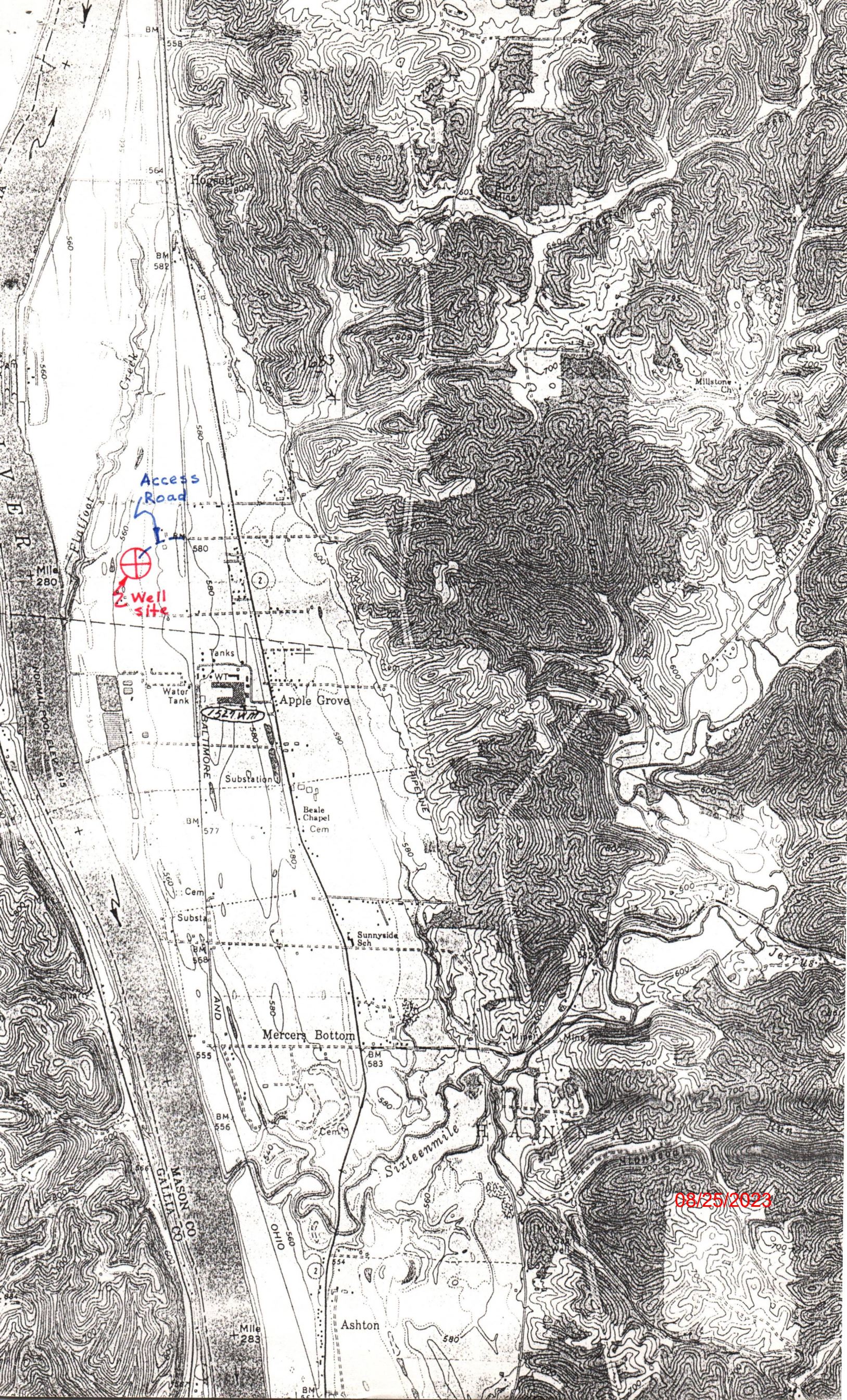
Sketch to include well location, existing access road, roads to be constructed, well site drilling pits and necessary structures numbered or lettered to correspond with the first part of this plan. Include all natural drainage.

LEGEND

Property boundary		Diversion	
Road		Spring	
Existing fence		Wet spot	
Planned fence		Building	
Stream		Drain pipe	
Open ditch		Waterway	







Access Road

Well site

1521 WT

08/25/2023



1) Date: August 1, 1983  
2) Operator's Well No. 1 - 1914  
3) API Well No. 47  
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

(i) Name Junior F. Powell  
Address Apple Grove, WV 25502

Address \_\_\_\_\_

(ii) Name Lawrence W. & Dolores Jean Powell  
Address Apple Grove, WV 25502

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Junior F. Powell  
Address Apple Grove, WV 25502

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

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

**P 311 719 153**

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

TO THE P

(1) SENT TO Powell  
Mr. & Mrs. Lawrence W.

(2) STREET AND NO. \_\_\_\_\_

(3) P.O., STATE AND ZIP CODE  
Apple Grove, WV 25502

POSTAGE \$ \_\_\_\_\_

THE WHICH ARE (FORM IV ACTION 2)

Take erator ; for a We Departm and dep. Constru by hand before

6) EXTR. Chec  I

1

7) ROY Is or for to you

CONSULT POSTMASTER FOR FEES		
OPTIONAL SERVICES		
RETURN RECEIPT SERVICE		
CERTIFIED FEE		c
SPECIAL DELIVERY		c
RESTRICTED DELIVERY		c
SHOW TO WHOM AND DATE DELIVERED		c
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY		c
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		c
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		c

TOTAL POSTAGE AND FEES \$ \_\_\_\_\_

POSTMARK OR DATE  
8/3/83 Permit 1914

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 1 day of August, 19 83. My commission expires May 22, 19 89.

Sharon L. Kelley  
Notary Public, Upshur County,  
State of West Virginia

COMMISSIONED AS  
SHARON L. KELLEY

WELL OPERATOR UNION DRILLING, INC.  
By Joseph C. Pettey  
Its Joseph C. Pettey, Vice President of  
Address P. O. Drawer 40 Prod.  
Buckhannon, WV 26201  
Telephone (304) 472-4610

**P 311 719 151**

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

ORD: \_\_\_\_\_

SENT TO  
Junior F. Powell  
STREET AND NO.  
Apple Grove, WV 25502  
P.O., STATE AND ZIP CODE

POSTAGE \$ \_\_\_\_\_

CONSULT POSTMASTER FOR FEES		
OPTIONAL SERVICES		
RETURN RECEIPT SERVICE		
CERTIFIED FEE		c
SPECIAL DELIVERY		c
RESTRICTED DELIVERY		c
SHOW TO WHOM AND DATE DELIVERED		c
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY		c
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		c
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		c

TOTAL POSTAGE AND FEES \$ \_\_\_\_\_

POSTMARK OR DATE  
8/3/83 Permit 1914

PS Form 3800, Apr. 1976

VED

383

VISION MINES

08/25/2023



INSTRUCTIONS TO APPLICANT

PS Form 3811, July 1982

● SENDER: Complete Items 1, 2, 3, and 4.  
Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).  
 Show to whom and date delivered .....  
 Show to whom, date, and address of delivery ..  
 2.  RESTRICTED DELIVERY.....  
(The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$ \_\_\_\_\_

3. ARTICLE ADDRESSED TO:  
Mr. Junior F. Powell  
Apple Grove, WV 25502

4. TYPE OF SERVICE:      ARTICLE NUMBER  
 REGISTERED       INSURED  
 CERTIFIED       COD      P 311 719 132  
 EXPRESS MAIL

(Always obtain signature of addressee or agent)

I have received the article described above.  
SIGNATURE       Addressee       Authorized agent  
*Junior F. Powell*

5. DATE OF DELIVERY  
8-2-83

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE:      7a. EMPLOYEE'S INITIALS  
 \_\_\_\_\_      \_\_\_\_\_

POSTMARK (may be on reverse side)  
A.M. 1983

1914      ★ GPO: 1982-379-593

PS Form 3811, July 1982

● SENDER: Complete Items 1, 2, 3, and 4.  
Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).  
 Show to whom and date delivered .....  
 Show to whom, date, and address of delivery ..  
 2.  RESTRICTED DELIVERY.....  
(The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$ \_\_\_\_\_

3. ARTICLE ADDRESSED TO:  
Mr. & Mrs. Lawrence W. Powell  
Apple Grove, WV 25502

4. TYPE OF SERVICE:      ARTICLE NUMBER  
 REGISTERED       INSURED  
 CERTIFIED       COD      P 311 719 133  
 EXPRESS MAIL

(Always obtain signature of addressee or agent)

I have received the article described above.  
SIGNATURE       Addressee       Authorized agent  
*Lawrence W. Powell*

5. DATE OF DELIVERY  
8-2-83

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE:      7a. EMPLOYEE'S INITIALS  
 \_\_\_\_\_      \_\_\_\_\_

POSTMARK (may be on reverse side)  
A.M. 1983

1914      ★ GPO: 1982-379-593

RETURN RECEIPT

RETURN RECEIPT

*Junior Powell #1*

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book	Page
Junior F. Powell (single)	Cyclops Corp.	1/8	44	798
Lawrence W. & Delores Powell	Union Drilling, Inc.		49	507



P 311 719 133

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		Mr. & Mrs. Lawrence W. Powell
STREET AND NO.		Apple Grove, WV
P.O., STATE AND ZIP CODE		25502
POSTAGE		\$
CONSULT POSTMASTER FOR FEES		
OPTIONAL SERVICES		
RETURN RECEIPT SERVICE		
CERTIFIED FEE		¢
SPECIAL DELIVERY		¢
RESTRICTED DELIVERY		¢
SHOW TO WHOM AND DATE DELIVERED		¢
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY		¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		¢
TOTAL POSTAGE AND FEES		\$
POSTMARK OR DATE		8/1/83 Permit for Well #1914

PS Form 3800, Apr. 1976

P 311 719 132

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		Junior F. Powell
STREET AND NO.		
P.O., STATE AND ZIP CODE		Apple Grove, WV 25502
POSTAGE		\$
CONSULT POSTMASTER FOR FEES		
OPTIONAL SERVICES		
RETURN RECEIPT SERVICE		
CERTIFIED FEE		¢
SPECIAL DELIVERY		¢
RESTRICTED DELIVERY		¢
SHOW TO WHOM AND DATE DELIVERED		¢
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY		¢
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		¢
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		¢
TOTAL POSTAGE AND FEES		\$
POSTMARK OR DATE		8/1/83 Permit for Well #1914

PS Form 3800, Apr. 1976

08/25/2023





IV-35  
(Rev 8-81)

**RECEIVED**  
NOV 23 1983

OIL & GAS DIVISION  
DEPT. OF MINES

State of West Virginia  
Department of Mines  
Oil and Gas Division

Date November 14, 1983  
Operator's  
Well No. 1 - 1914  
Farm Junior F. Powell #1  
API No. 47 - 053 - 0305

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: 568.21' Watershed Flatfoot Creek  
District: Clendenin County Mason Quadrangle Apple Grove

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 Junior Powell, Apple Grove, WV 25502

ADDRESS Lawrence W. & Delores Powell,  
Apple Grove, WV 25502

MINERAL RIGHTS OWNER Same as Surface Owners

ADDRESS   

OIL AND GAS INSPECTOR FOR THIS WORK Jerry

Tapbaloh, ADDRESS RT. #1, Box 101-A, Ripley,  
WV 25271

PERMIT ISSUED August 23, 1983

DRILLING COMMENCED 09/29/83

DRILLING COMPLETED 10/05/83

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

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cord.			
13-10"			
9 5/8	707.95	707.95	266 cf
8 5/8			
7	693.80	693.80	59 cf
5 1/2			
4 1/2		3051.80	152 cf
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 3189 feet

Depth of completed well 3189 feet Rotary x / Cable Tools   

Water strata depth: Fresh 761 feet; Salt 1110, 1418 feet

Coal seam depths: 742/744 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth 3189 feet

Gas: Initial open flow    show    Mcf/d Oil: Initial open flow    Bbl/d

Final open flow 119 Mcf/d Final open flow    Bbl/d

Time of open flow between initial and final tests ? hours

Static rock pressure 425 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)



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

On 10/12/83 Halliburton Foam Fractured the Devonian Shale (2646/2958) with 196 BBL water, 60,000# sand and 893,000 SCF Nitrogen.

DEPT. OF MINES  
OIL & GAS DIVISION

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			0	130	
Sand and Shale			130	230	Water at 761' damp
Sand			230	742	Water at 1110' 2"
Coal			742	744	Water at 1418' 1"
Sand and Shale			744	1152	
Big Lime			1152	1268	
Big Injun			1268	1589	
Sand and Shale			1589	1798	
Coffee Shale			1798	1810	
Berea			1810	1830	
Top of Devonian Shale TO TD			1830	<u>3189</u>	

(Attach separate sheets as necessary)

UNION DRILLING, INC.

Well Operator  
 By: Joseph C. Pettey Joseph C. Pettey  
 Date: November 14, 1983 Vice President of Prod. 08/25/2023

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 all, encountered in the drilling of a well."



IV-35  
(Rev 8-81)

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NOV 29 1983

OIL & GAS DIVISION  
DEPT. OF MINES



State of West Virginia  
Department of Mines  
Oil and Gas Division

Date November 14, 1983

Operator's  
Well No. 1 - 1914

Farm Junior F. Powell #1

API No. 47 - 053 - 0305

WELL OPERATOR'S REPORT  
OF

CORRECTED

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: 568.21' Watershed Flatfoot Creek  
District: Clendenin County Mason Quadrangle Apple Grove

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 Junior Powell, Apple Grove, WV 25502

ADDRESS Lawrence W. & Delores Powell,

ADDRESS Apple Grove, WV 25502

MINERAL RIGHTS OWNER Same as Surface Owners

ADDRESS    

OIL AND GAS INSPECTOR FOR THIS WORK Jerry

Tapbaloh, ADDRESS RT. #1, Box 101-A, Ripley,

PERMIT ISSUED August 23, 1983

DRILLING COMMENCED 09/29/83

DRILLING COMPLETED 10/05/83

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

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cord.			
13-10"			
9 5/8	707.95	707.95	266 cf
8 5/8			
7	<del>693.80</del> 1922.90	693.80	59 cf
5 1/2			
4 1/2		3051.80	152 cf
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 3189 feet

Depth of completed well 3189 feet Rotary x / Cable Tools    

Water strata depth: Fresh 761 feet; Salt 1110, feet

Coal seam depths: 742/744 Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation Devenian Shale Pay zone depth 3189 feet

Gas: Initial open flow     show     Mcf/d Oil: Initial open flow     Bbl/d

Final open flow 119 Mcf/d Final open flow     Bbl/d

Time of open flow between initial and final tests ? hours

Static rock pressure 425 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)

Mason 305



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

On 10/12/83 Halliburton Foam Fractured the Devonian Shale (2646/2958) with 196 BBL water, 60,000# sand and 893,000 SCF Nitrogen.

DEPT. OF MINES  
OIL & GAS DIVISION

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh water, gas, oil and salt water, coal, oil and gas
Sand			0	130	
Sand and Shale			130	230	Water at 761' damp
Sand			230	742	Water at 1110' 2"
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Berea			1810	1830	
Top of Devonian Shale TO TD			1830	3189	

(Attach separate sheets as necessary)

UNION DRILLING, INC.

Well Operator

By: Joseph C. Pettey

Joseph C. Pettey  
Vice President of Prod.

Date: November 14, 1983

08/25/2023

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 ... encountered in the drilling of a well."



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

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OCT 19 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 053 0305

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

Company <u>Union Drilling</u> Address _____ Farm <u>Powell</u> Well No. <u>#1</u> District _____ County <u>Mason Jackson</u> Drilling commenced _____ Drilling completed <u>10 583</u> Total depth _____ Date shot _____ Depth of shot _____ Initial open flow _____ /10ths Water in _____ Inch Open flow after tubing _____ /10ths Merc. in _____ Inch Volume _____ Cu. Ft. Rock pressure _____ lbs. _____ hrs. Oil _____ bbls., 1st 24 hrs. Fresh water _____ feet _____ feet Salt water _____ feet _____ feet	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Size			
	16			Kind of Packer _____
	13			
	10			Size of _____
	8 1/4			
	6 3/8			Depth set _____
	5 3/16			
	3			Perf. top _____
	2			Perf. bottom _____
Liners Used			Perf. top _____	
			Perf. bottom _____	
CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____		NAME OF SERVICE COMPANY _____		
COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES		_____ FEET _____ INCHES FEET _____ INCHES		
_____ FEET _____ INCHES FEET _____ INCHES		_____ FEET _____ INCHES FEET _____ INCHES		

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

Remarks:  
 10 183 708' 9 5/8" 225 SKS Halliburton.  
 10 383 1922.85' of 7" 30 SKS "  
 10 583 3051.80' of 4 1/2" 85 SKS S-55 Halliburton  
 10-583 TO  
 10 1283 frac on location.

10 1283  
DATE

Jeffrey Taylor 08/25/2023  
DISTRICT WELL INSPECTOR



Form 26  
2/16/82

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS WELLS DIVISION  
INSPECTOR'S PLUGGING REPORT

Permit No. \_\_\_\_\_ Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner			Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST

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

Remarks: \_\_\_\_\_

\_\_\_\_\_ I hereby certify I visited the above well on this date.  
DATE

08/25/2023  
DISTRICT WELL INSPECTOR



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

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OCT - 4 1983

INSPECTOR'S WELL REPORT

Permit No. <sup>0305</sup> 053 ~~0219~~

OIL & GAS DIVISION  
DEPT. OF MINES

Company <u>Union Drilling</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm _____	16			Kind of Packer _____
Well No. _____	13			
District _____ County <u>Mason</u>	10			Size of _____
Drilling commenced <u>9 2983</u>	8 1/4			
Drilling completed _____ Total depth _____	6%			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

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

Remarks: 9 2983 Start Drilling.  
9 30 53 339 feet & Drilling

9 30 83  
DATE

Jerry Taylor  
08/25/2023  
DISTRICT WELL INSPECTOR



FORM 26  
2/16/82

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

# INSPECTOR'S PLUGGING REPORT

Permit No. \_\_\_\_\_

Well No. \_\_\_\_\_

COMPANY \_\_\_\_\_ ADDRESS \_\_\_\_\_

FARM \_\_\_\_\_ DISTRICT \_\_\_\_\_ COUNTY \_\_\_\_\_

Filling Material Used \_\_\_\_\_

Liner			Location	Amount	Packer	Location		
PLUGS USED AND DEPTH PLACED			BRIDGES			CASING AND TUBING		
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LOCATION			RECOVERED	SIZE	LOST

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

Remarks: \_\_\_\_\_

\_\_\_\_\_ I hereby certify I visited the above well on this date.

DATE

08/25/2023  
DISTRICT WELL INSPECTOR



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

**RECEIVED**  
 JUN 12 1984  
 OIL & GAS DIVISION  
**DEPT. OF MINES**

Permit No. 053-0305 County Mason  
 Company Union Drilling, Inc. District Clendenin  
 Inspector JERRY TEPHABOCK Farm Junior F. Powell  
 Date December 6, 1983 Well No. 1-1914 Issued 8-23-83

RULE	DESCRIPTION	IN COMPLIANCE	
		Yes	No
23.06	Notification prior to starting work	✓	—
25.04	Prepared before drilling to prevent waste	✓	—
25.03	High-pressure drilling	—	—
16.01	Required permits at wellsite	✓	—
15.03	Adequate fresh water casing	✓	—
15.02	Adequate coal casing	—	—
15.01	Adequate production casing	✓	—
15.04	Adequate cement strength	✓	—
23.02	Maintained access roads	✓	—
25.01	Necessary equipment to prevent waste	✓	—
23.03	Reclaimed drilling site	✓	—
23.04	Reclaimed drilling pits	✓	—
23.05	No surface or underground pollution	✓	—
7.05	Identification markings	✓	—

COMMENTS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I have inspected the above well and have found it to be in compliance with the rules and regulations of the Office of Oil and Gas Department of Mines of the State of West Virginia, and the well can be released from the permitted work.

SIGNED: Jerry Tephabol  
 DATE: 6684 08/25/2023





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

WALTER N. MILLER  
DIRECTOR

THEODORE M. STREIT  
ADMINISTRATOR

June 29, 1984

Union Drilling, Inc.  
P.O. Drawer 40  
Buckhannon, W.Va. 26201

Gentlemen:

The required records and reports have been received in this office and the District Inspectors have submitted FINAL INSPECTIONS for the following wells listed below:

<u>PERMIT NUMBER</u>	<u>FARM AND WELL NUMBER</u>	<u>DISTRICT</u>
053-0302	W.E. Kirk # 1-1915	Clendenin
053-0303	Dale Nibert # 2-1912	Clendenin
053-0304	Vernon N. Varnum etux # 1-1916	Clendenin
053-0305	Junior F. Powell # 1-1914	Clendenin
053-0309	Inez Grace Newman # 1-1913	Clendenin

In accordance with Chapter 22, Article 4, Section 2, the above captioned wells will remain under bond coverage for "life of wells." Reclamation requirements have been approved.....

Very truly yours,

Theodore M. Streit, Administrator  
Office of Oil & Gas-Dept. Mines

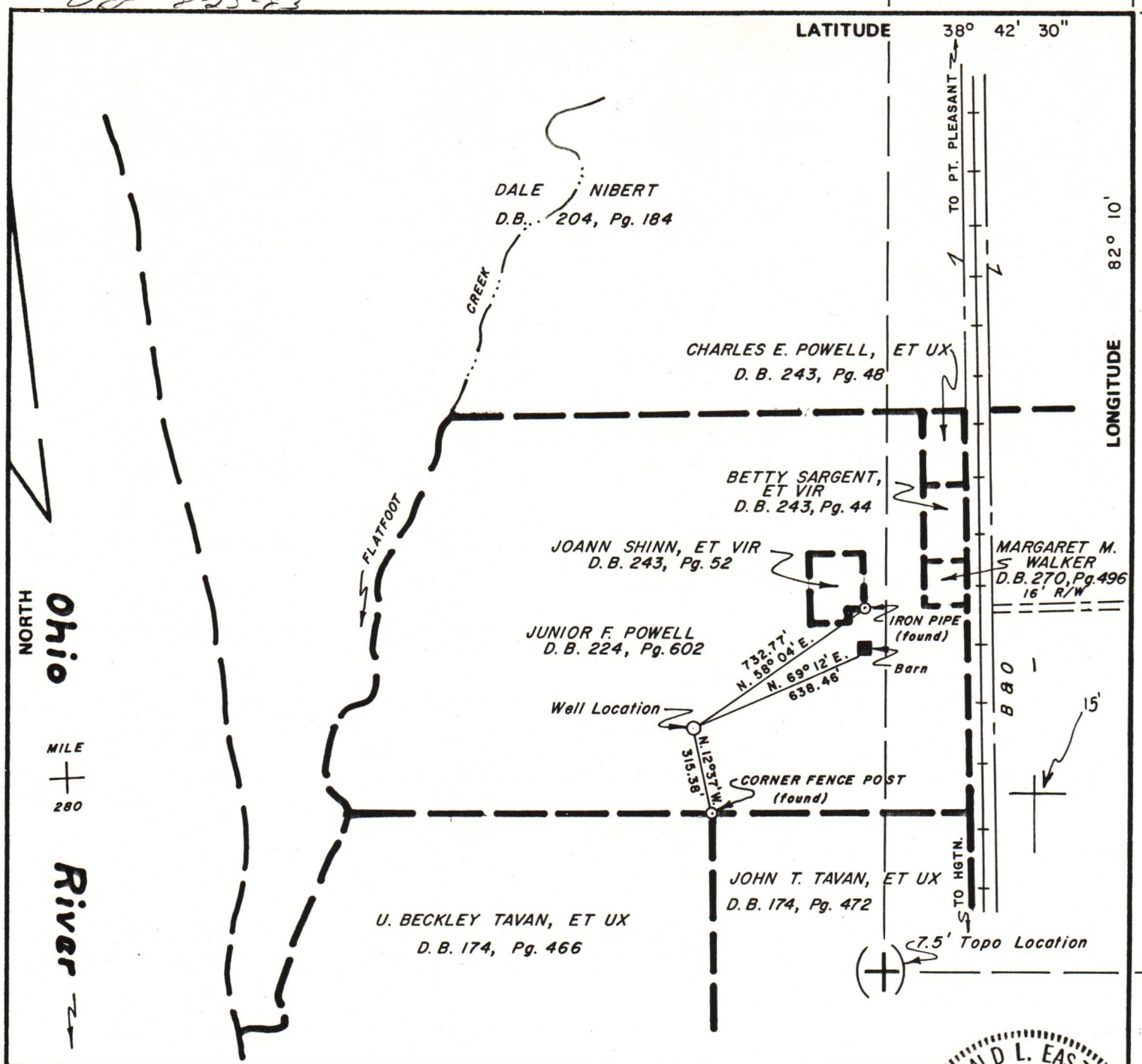
TMS/ chm

08/25/2023



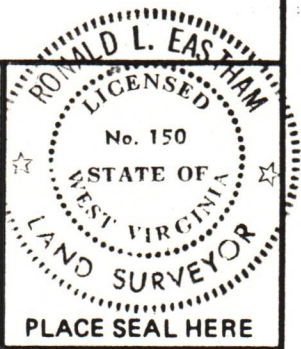
087 8-23-83

3,400



FILE NO. \_\_\_\_\_  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION NGS B.M. "G-118"  
 Elev. = 579.851

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) Ronald L. Eastham  
 R.P.E. \_\_\_\_\_ L.L.S. 150



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



DATE July 15, 19 83  
 OPERATOR'S WELL NO. 1914  
 API WELL NO. 47 - 053 - 0305  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION \_\_\_ STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 568.21 WATER SHED Flatfoot Creek  
 DISTRICT Clendenin COUNTY Mason  
 QUADRANGLE Apple Grove  
 SURFACE OWNER Junior F. Powell ACREAGE 51  
 OIL & GAS ROYALTY OWNER Junior F. Powell LEASE ACREAGE 51  
 LEASE NO. C-2-198  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE X PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION Devonian Shale ESTIMATED DEPTH 3,500'  
 WELL OPERATOR Union Drilling, Inc. DESIGNATED AGENT Joseph C. Vanzant, Jr.  
 ADDRESS Drawer 40 ADDRESS Drawer 40  
 Buckhannon, WV 26201 Buckhannon, WV 26201

08/25/2023

WAS - 0305