

FILE COPY
RECEIVED
AUG 29 1983



1) Date: August 26, 19 83
 2) Operator's Well No. 1 - 1913 REVISED LOCATION
 3) API Well No. 47 - 053 - 0309
 State _____ County _____ Permit _____

OIL & GAS DIVISION DEPARTMENT OF MINES, OIL AND GAS DIVISION
DEPT. OF MINES APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil / Gas
 B (If "Gas", Production / Underground storage _____ / Deep _____ / Shallow)
- 5) LOCATION: Elevation: 588.66 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 / 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 strata 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									Sizes
Coal									Depths set
Intermediate	7		20#	x		2250	2250	400 sks.	
Production	4 1/2		10.5#				3500	350 sks.	
Tubing									Perforations:
Liners									Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-053-0309 Date September 26, 19 83

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 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 September 26, 1985 unless well work 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>1085.79</u>
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[Signature]
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) Date: _____

2) Operator's Well No.: _____

3) API Well No.: _____

4) State: _____

5) County: _____

6) District: _____

7) Elevation: _____

8) Well Operator: _____

9) Designated Agent: _____

10) Drilling Contractor: _____

11) Oil & Gas Inspector: _____

12) Proposed Well Work: _____

13) Geological Target Formation: _____

14) Estimated depth of completed well: _____

15) Approximate stratigraphic depth: _____

16) Approximate coal seam depth: _____

17) Coal seams mined in the area: _____

18) Other physical change in well (specify): _____

19) Plug off old formation: _____

20) Increase new formation: _____

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: _____

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

08/25/2023



1) Date: August 26, 19 83
 2) Operator's Well No. 1 - 1913 REVISED LOCATION
 3) API Well No. 47
 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 x /
 B (If "Gas", Production x / Underground storage _____ / Deep _____ / Shallow x /)
- 5) LOCATION: Elevation: 588.66 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 RED #1 Address P. O. Drawer 40
Barboursville, WV 25504 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill x / Drill deeper _____ / Redrill _____ / Stimulate x /
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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	
Conductor	<u>9 5/8</u>		<u>36#</u>	<u>x</u>		<u>300</u>	<u>300</u>	<u>to surface</u>		
Fresh water									Sizes	
Coal										
Intermediate	<u>7</u>		<u>20#</u>	<u>x</u>		<u>2250</u>	<u>2250</u>	<u>400 sks.</u>		
Production	<u>4 1/2</u>		<u>10.5#</u>				<u>3500</u>	<u>350 sks.</u>	Depths set	
Tubing									Perforations:	
Liners									Top	Bottom

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The 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 the filing of the Application.

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.

Date: _____, 19 _____ By: _____
 Its: _____

08/25/2023 Coal Owner



1) Date: August 26, 19 83
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 3) API Well No. 47
 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 x /
 B (If "Gas", Production x / Underground storage _____ / Deep _____ / Shallow x /)
- 5) LOCATION: Elevation: 588.66 / 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 RED #1 / Address P. O. Drawer 40
Barboursville, WV 25504 / Buckhannon, WV 26201
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	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well			
Conductor	<u>5/8</u>		<u>36#</u>	<u>x</u>		<u>300</u>	<u>300</u>	<u>to surface</u>	Kinds	
Fresh water									Sizes	
Coal									Depths set	
Intermediate	<u>7</u>		<u>20#</u>	<u>x</u>		<u>2250</u>	<u>2250</u>	<u>400 sks.</u>		
Production	<u>1 1/2</u>		<u>10.5#</u>				<u>3500</u>	<u>350 sks.</u>		
Tubing									Perforations:	
Liners									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 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: _____
 By _____
 Its _____ Date _____

 (Signature) Date: _____

 (Signature) Date: _____

08/25/2023
 Surface Owner

**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.

08/25/2023
Surface Owner



IV-9
(Rev 8-81)

DATE August 24, 1983

WELL NO. 1913

State of West Virginia
Department of Mines
Oil and Gas Division
API NO. 47-053-0309

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 Inez Grace Newman 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: Aug. 24, 1983 (Date)
Leslie Rayburn (SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>18" CMP culvert w/rip rap</u> (A) Spacing <u>at Route No. 2</u> Page Ref. Manual <u>1:8</u>	Structure <u>Drill pit</u> (1) Material <u>Earth</u> Page Ref. Manual _____
Structure <u>Ditch relief cross drains</u> (B) Spacing <u>Only one is needed</u> Page Ref. Manual <u>1:6</u>	Structure _____ (2) Material _____ Page Ref. Manual _____
Structure <u>Roadway ditch</u> (C) Spacing <u>As needed</u> Page Ref. Manual _____	Structure _____ (3) Material _____ Page Ref. Manual _____

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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.

PLAN PREPARED BY Ronald L. Eastham & Associates


ADDRESS P.O. Box 1544
Huntington, WV 25716
PHONE NO. 304/525-3171


08/25/2023

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

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

LEGEND












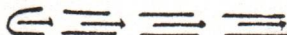
Well Site 

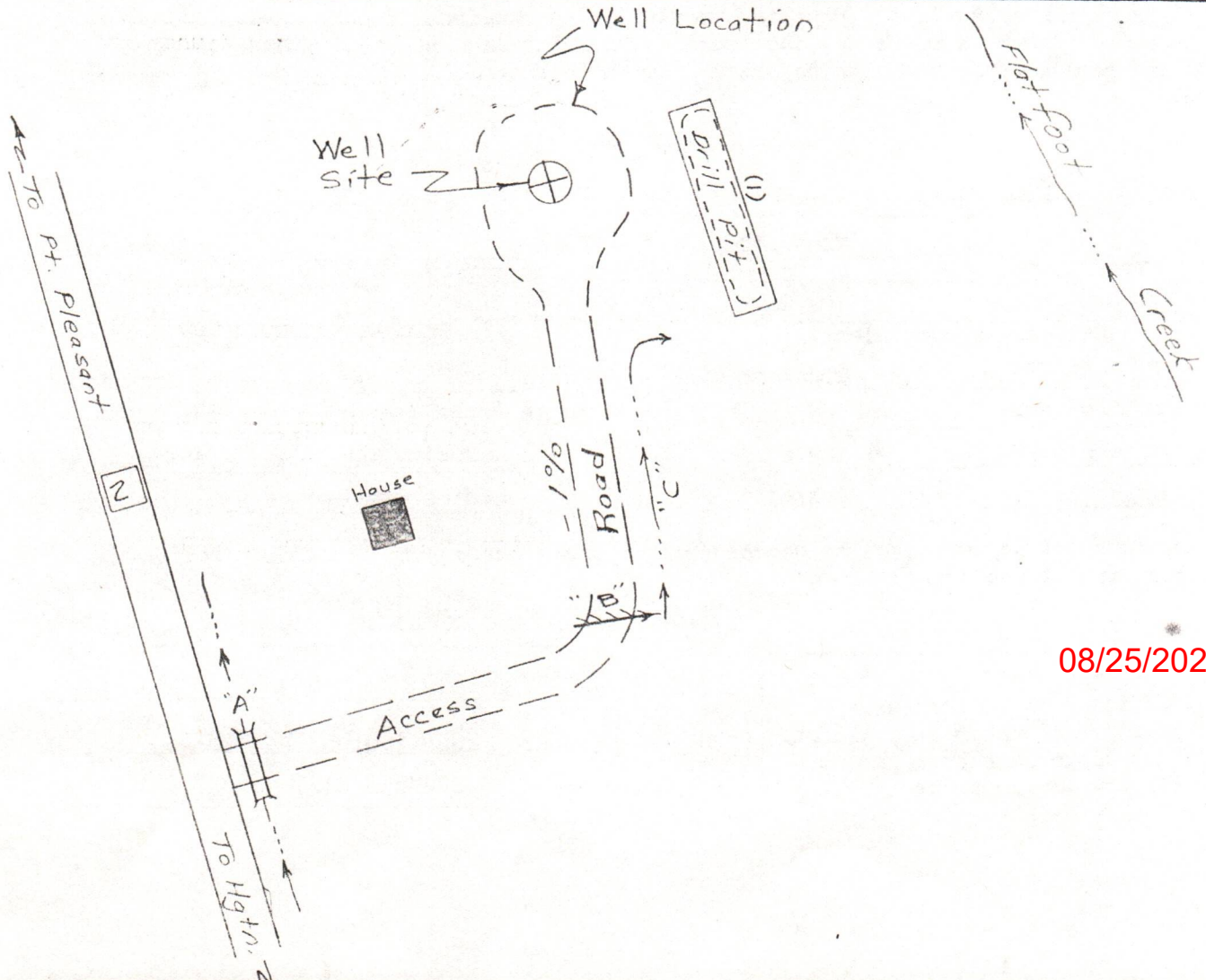
Access Road 

WELL SITE PLAN

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

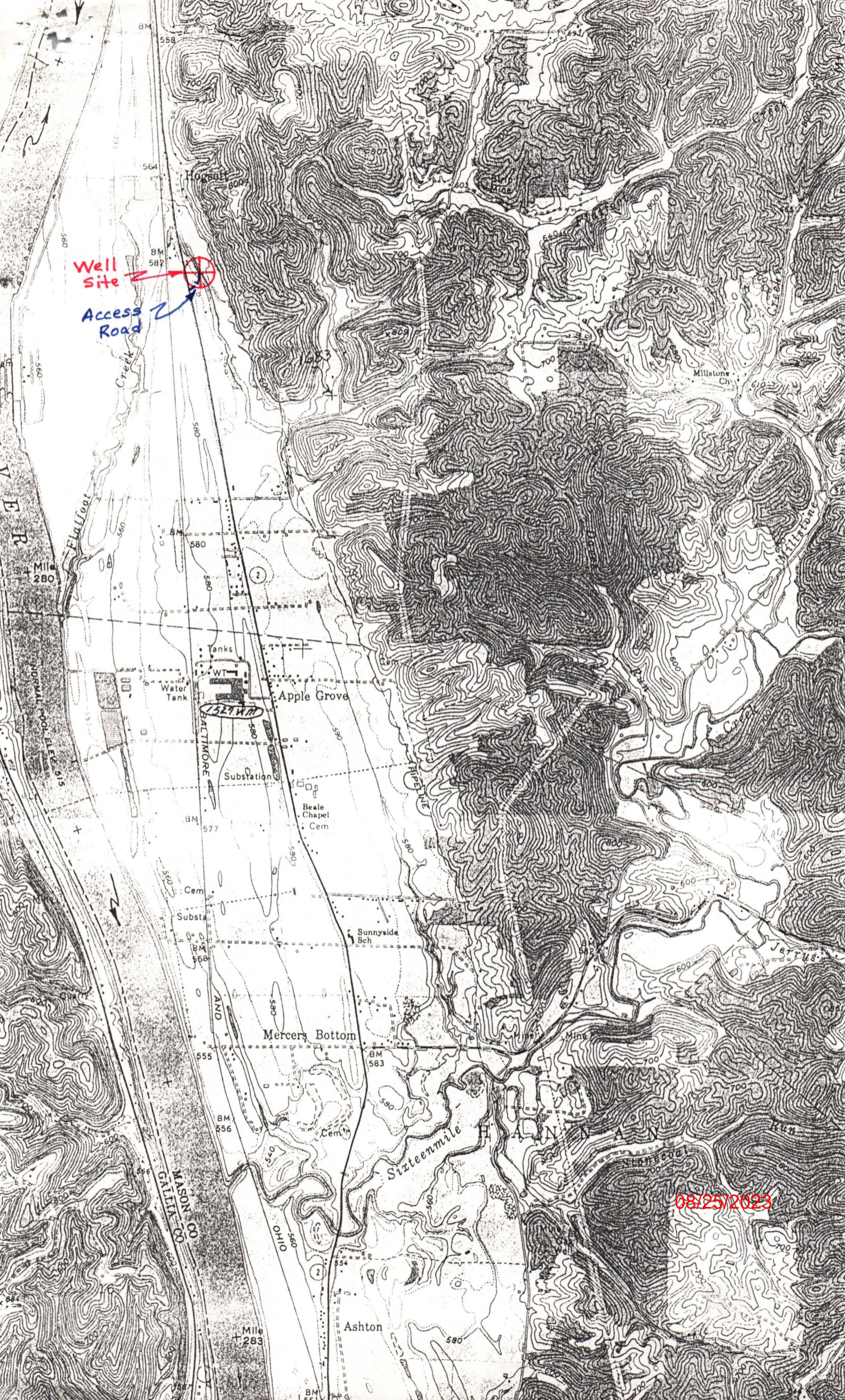
LEGEND

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



08/25/2023

Well Site
Access Road



08/25/2023

RECEIVED

AUG 29 1983

DEPT. OF MINES
OIL & GAS DIVISION

08/25/2023

1) Date: August 26, 1983

2) Operator's REVIS
Well No. 1 - 1913 LOCATION

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

(i) Name Inez Grace Newman
Address Box 66

Gallipolis Ferry, WV 25515

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5(i) COAL OPERATOR _____
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Inez Grace Newman
Address Box 66
Gallipolis Ferry, WV 25515

Name _____
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

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.

RECEIVED
AUG 29 1983

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 specific)

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 X

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. Petty
this 26 day of August, 1983.
My commission expires May 22, 1989.

Sharon L. Kelley
Notary Public, Upshur County, COMMISSIONED AS
State of West Virginia SHARON L. KELLEY

WELL
OPERATOR UNION DRILLING, INC.
By Joseph C. Petty
Its
Address P. O. 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</u>	<u>Page</u>
Inez Grace Newman (widow)	Cyclops Corp.	1/8th	44	738
Cyclops Corp.	Union Drilling, Inc.		49	507

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

On 10/20/83 Halliburton Foam Fractured the Devonian Shale (2653/2972) with 60,000# sand, 184 BBL Water, 920,000 SCF Nitrogen.

NOV 2 1983
 OIL & GAS DIVISION
 DEPT. OF MINES

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Clay			0	10	Water at 755' 1/2"
River Gravel			10	80	Water at 1050' 2" stream
Sand and Shale			80	530	Water at 1190' 2" stream
Sand and Shale			530	546	
Coal			546	548	
Sand and Shale			548	1102	
Big Lime			1102	1266	
Big Injun			1266	1592	
Sand and Shale			1592	1803	
Coffee Shale			1803	1814	
Berea			1814	1840	
Top of Devonian Shale		to TD	1840	3122	

(Attach separate sheets as necessary)

UNION DRILLING, INC.

Well Operator

By: *Joseph C. Pettey*

Joseph C. Pettey
Vice President of Prod. 08/25/2023

Date: November 14, 1983

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

RECEIVED

OCT 19 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 053 309

Oil or Gas Well _____
(KIND)

Company Union Drilling
 Address _____
 Farm Newan
 Well No. _____
 District _____ County Mason
 Drilling commenced 10 783
 Drilling completed _____ 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

Drillers' Names _____

Remarks: 10-1283 2195 Drilling on fluid.
10 983 712.20 feet 9 5/8" pipe 225 SKS Halliburton
10 1183 1899.55 feet 7" pipe 305 SKS plug down 2:30 pm.

10 1283
DATE

Jerry Tsch...
 08/25/2023
 DISTRICT WELL INSPECTOR

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

RECEIVED

OCT 19 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 053 309

Oil or Gas Well _____
(KIND)

Company Union Drilling

Address _____

Farm NEWAN

Well No. 1913R

District _____ County MASON

Drilling commenced _____

Drilling completed 10 13 83 Total depth 3122

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

Drillers' Names _____

Remarks: 10 13 83 TO 3122
~~1897 822 0 1/2~~
To Run 4" Today

10 13 83
DATE

Jeffrey T. [Signature]
08/25/2023
DISTRICT WELL INSPECTOR

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

RECEIVED

OCT 21 1983

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 053309

Oil or Gas Well _____
(KIND)

Company <u>Union Drilling</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Newman</u>	16			Kind of Packer _____
Well No. _____	13			
District _____ County <u>Mason</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed <u>101983</u> Total depth <u>3122</u>	6 3/8			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: _____

101983 TD 3122
101983 Ran 70 qts 4 1/2" 3074.15' Set at 3084.15' KB,
85 SKS Halliburton
101983 Logging

101983
DATE

08/25/2023
DISTRICT WELL INSPECTOR

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

On 10/20/83 Halliburton Foam Fractured the Devonian Shale (2653/2972) with 60,000# sand, 184 BBL Water, 920,000 SCF Nitrogen.

OIL & GAS DIVISION
DEPT. OF MINES

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Clay			0	10	Water at 755' 1/2"
River Gravel			10	80	Water at 1050' 2" stream
Sand and Shale			80	530	Water at 1190' 2" stream
Sand and Shale			530	546	
Coal			546	548	
Sand and Shale			548	1102	
Big Lime			1102	1266	
Big Injun			1266	1592	
Sand and Shale			1592	1803	
Coffee Shale			1803	1814	
Berea			1814	1840	
Top of Devonian Shale to TD			1840	3122	

(Attach separate sheets as necessary)

UNION DRILLING, INC.

Well Operator

By: *Joseph C. Petty*

Joseph C. Petty
Vice President of Prod.

08/25/2023

Date: November 14, 1983

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."

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. <u>053-0309</u>	County <u>Mason</u>
Company <u>Union Drilling, Inc.</u>	District <u>Clendenin</u>
Inspector <u>JERRY TEPHABOCK</u>	Farm <u>Inez G. Newman</u>
Date <u>December 6, 1983</u>	Well No. <u>1913</u> Issued <u>9-26-83</u>

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 Tephabock*
 DATE: 6784

08/25/2023



State of West Virginia
Department of Mines
Oil and Gas Division
Charleston 25305
June 29, 1984

WALTER N. MILLER
DIRECTOR

THEODORE M. STREIT
ADMINISTRATOR

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

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

3. **ARTICLE ADDRESSED TO:**
 Ms. Inez Grace Newman
 Box 66
 Gallipolis Ferry, WV 25515

4. TYPE OF SERVICE: <input type="checkbox"/> REGISTERED <input type="checkbox"/> INSURED <input checked="" type="checkbox"/> CERTIFIED <input type="checkbox"/> COD <input type="checkbox"/> EXPRESS MAIL	ARTICLE NUMBER P 311 719 275
---	--

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE Addressee Authorized agent

5. **DATE OF DELIVERY**
Inez Newman

8-29-83

POSTMARK
(may be on reverse side)

AUG 29 P.M. 1983

6. **ADDRESSEE'S ADDRESS** (Only if requested)

7. **UNABLE TO DELIVER BECAUSE:**

7a. **EMPLOYEE'S INITIALS**

BC

UPI Well No. 1913

RETURN RECEIPT

UNITED STATES POSTAL SERVICE

OFFICIAL BUSINESS

SENDER INSTRUCTIONS

Print your name, address, and ZIP Code in the space below.

- Complete items 1, 2, 3, and 4 on the reverse.
- Attach to front of article if space permits, otherwise affix to back of article.
- Endorse article "Return Receipt Requested"
- adjacent to number.

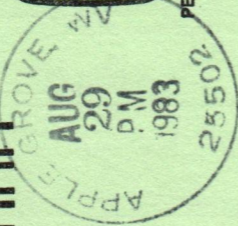
RETURN 
TO

UNION DRILLING, INC.
(Name of Sender)

P. O. DRAWER 40

BUCKHARTON, WV 26201
(Street or P.O. Box)

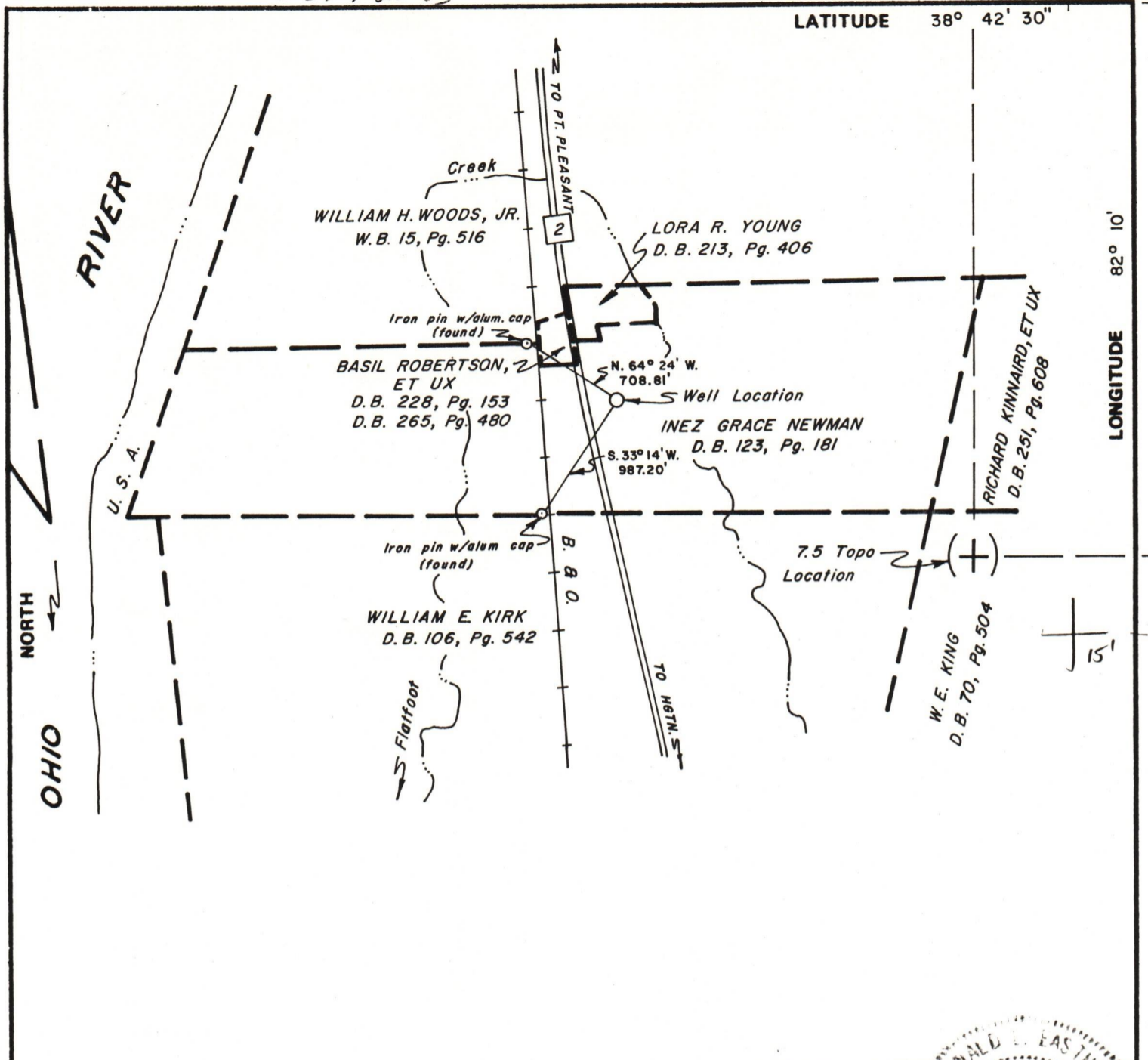
(City, State, and ZIP Code)



PENALTY FOR PRIVATE
USE, \$300

9-22-83

2,400

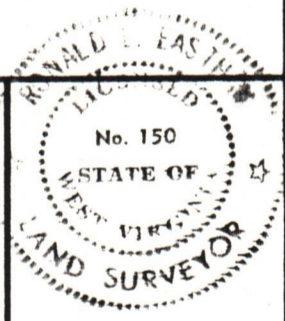


LATITUDE 38° 42' 30"

LONGITUDE 82° 10'

FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1000'
 MINIMUM DEGREE OF ACCURACY 1 : 200'
 PROVEN SOURCE OF ELEVATION NGS B.M. "F-118"
 Elev. = 582.233'

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. East
 R.P.E. _____ L.L.S. 150



PLACE SEAL HERE

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



DATE August 16, 19 83
 OPERATOR'S WELL NO. 1913
 API WELL NO.

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

47 - 053 - 0309
 STATE COUNTY PERMIT
 Formerly: Mas-306

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW ___
 LOCATION: ELEVATION 588.66 WATER SHED Flatfoot Creek
 DISTRICT Clendenin COUNTY Mason
 QUADRANGLE Apple Grove
 SURFACE OWNER Inez Grace Newman ACREAGE 149.75
 OIL & GAS ROYALTY OWNER Inez Grace Newman LEASE ACREAGE 149.75
 LEASE NO. _____

PROPOSED WORK: DRILL X CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE ___ PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

08/25/2023

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