



1) Date: December 8, 1983  
 2) Operator's Well No. 1966 (2)  
 3) API Well No. 47-053-0325  
 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: 840.02' Watershed: Ohio River  
 District: Clendenin County: Mason Quadrangle: Apple Grove  
 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: Jerry Tephabock Address: Route 1, Box 101-A, Ripley, WV 25271  
 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, Devonian Shale LOWER HURON  
 12) Estimated depth of completed well, 3000 feet  
 13) Approximate strata depths: Fresh, ? feet; salt, ? feet.  
 14) Approximate coal seam depths: ? Is coal being mined in the area? Yes

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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 |                                      |                          |
| Conductor             | 11-3/4         |       | 32             |     | X                 | 30'          | 30'                                  | Kinds                    |
| Fresh water           |                |       |                |     |                   |              |                                      |                          |
| Coal                  |                |       |                |     |                   |              |                                      | Sizes                    |
| Intermediate          | 8-5/8          |       | 23             |     | X                 | 1000'        | 1000'                                | 210 sacks                |
| Production            | 4 1/2          | J     | 10 1/2         | X   |                   | 3000'        | 3000'                                | 640 sacks                |
| Tubing                |                |       |                |     |                   |              |                                      | or as req. by rule 15.01 |
| Liners                |                |       |                |     |                   |              |                                      | Perforations:            |
|                       |                |       |                |     |                   |              |                                      | Top Bottom               |

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-053-0325

Well work started December 29, 1983  
 Completion of the drilling

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 December 29, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

|       |                  |                 |                   |                     |
|-------|------------------|-----------------|-------------------|---------------------|
| Bond: | Agent: <i>lp</i> | Plat: <i>ML</i> | Casing: <i>ML</i> | Fee: <i>011 594</i> |
|-------|------------------|-----------------|-------------------|---------------------|

BLANKET BOND

*Margaret J. Hesse*  
 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) OIL & GAS INSPECTOR TO BE NOTIFIED: Name: \_\_\_\_\_ Address: \_\_\_\_\_

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

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

6) PROPOSED WELL WORK: Drill depth: \_\_\_\_\_ Rodmill: \_\_\_\_\_ Stimulate: \_\_\_\_\_

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

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

9) Approximate casing depth: \_\_\_\_\_

10) Approximate coal seam depth: \_\_\_\_\_

11) Is coal being mined in the area? Yes/No

12) Other physical changes in well (specify): \_\_\_\_\_

13) Plug off old formation / Perform 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: | Agency: | Plant: | Casing: | Fee: |
|       |         |        |         |      |

08/25/2023

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



IV-9  
(Rev 8-81)

DATE December 1, 1983

WELL NO. 1966

State of West Virginia

API NO. 47-053-0325

Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Union Drilling Inc.  
Address P. O. Drawer 40  
Buckhannon, WV 26201  
Telephone 304/472-4610

DESIGNATED AGENT Joseph Vanzant  
Address P. O. Drawer 40  
Buckhannon, WV 26201  
Telephone 304/4610

LANDOWNER W. H. Woods, Jr.

SOIL CONS. DISTRICT Western

Revegetation to be carried out by Union Drilling, Inc. (Agent)

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

Dec 5 1983  
(Date)  
Lester Rayburn  
(SCD Agent)

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DEC 12 1983

ACCESS ROAD

LOCATION OIL & GAS DIVISION

Structure 12" CMP Culvert Min (A)  
Spacing \_\_\_\_\_  
Page Ref. Manual 2:7 2:8  
Structure \_\_\_\_\_ (B)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_ (C)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

Structure Drill Pit (1)  
Material Earth  
Page Ref. Manual \_\_\_\_\_  
Structure Well site top ridge (2)  
nearly level  
Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_ (3)  
Material \_\_\_\_\_  
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 Hay or straw 2 Tons/acre  
Seed\* Orchard Grass 30 lbs/acre  
Red Clover 4 lbs/acre  
Ladino Clover 2 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 Hay or Straw 2 Tons/acre  
Seed\* Orchard Grass 30 lbs/acre  
Red Clover 4 lbs/acre  
Ladino Clover 2 lbs/acre

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

PLAN PREPARED BY C. T. Tolley, Jr. 08/25/2023

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

ADDRESS 7911 Sissonville Drive  
Sissonville, WV 25320  
PHONE NO. 304/988-9432

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE APPLE GROVE

LEGEND

Well Site ⊕

Access Road ———

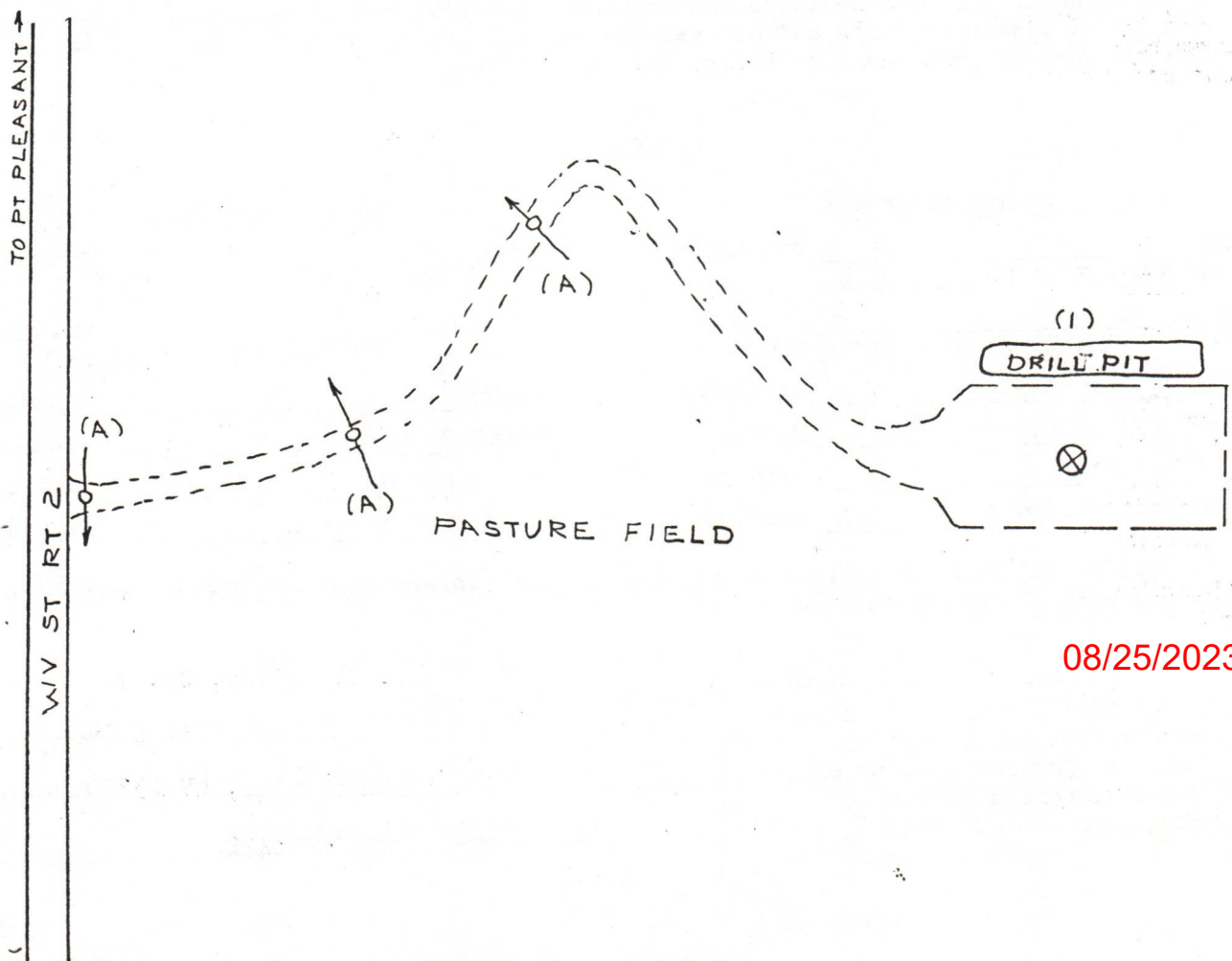


WELL SITE PLAN

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 —x—x—x—x—              | Wet spot ☉               |
| Planned fence —/—/—/—/—               | Building ■               |
| Stream ~~~~~                          | Drain pipe —○→○→○→       |
| Open ditch —····→····→····→····→      | Waterway ⇐=⇒=⇒=⇒=⇒       |



08/25/2023

1) Date: December 8, 1983  
2) Operator's Well No. 1966 (2)  
3) API Well No. 47-053-0325  
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 W. H. Woods, Jr.  
Address 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 W. H. Woods, Jr.  
Address Gallipolis Ferry, WV 25515

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

COAL LESSEE WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
Address \_\_\_\_\_

P 471 413 857  
RECEIPT FOR CERTIFIED MAIL  
NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

TO THE PERSON

- (1) The person to be served and the center
- (2) The person to be served
- (3) The person to be served

THE REASON WHICH ARE SUMMARY (FORM IV-2(B)) ACTION AT ALL.

Take notice that the operator proposes for a Well Work Department of Mines and depicted on Construction and by hand to the before the day of

6) EXTRACTION RIGHTS

Check and provide I hold \_\_\_\_\_  
 Included in \_\_\_\_\_  
 The requirements

7) ROYALTY PROVISIONS

Is the right to or other contract for compensation to the volume \_\_\_\_\_

Form with fields: Sent to W. H. Woods, Jr., Street and No., P.O. State and ZIP Code Gallipolis Ferry, WV 25515, 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. Includes a pink circular postmark: REC 9 DEC 12 1983 WV.

Form and the following documents:

- 1) (or Form IV-4 if the well is for the drilling or other work, cable, the proposed casing and
- 2) Form IV-6; and
- 3) unless the well work is only to sediment control and for

RIGHTS REGARDING THE APPLICATION OF THE COPY OF THE APPLICATION NOT REQUIRED TO TAKE ANY

By the undersigned well operator and accompanying documents Oil and Gas, West Virginia Department of Mines, as described on attached Application, the plat, and the return receipt or certified mail or delivered (in circumstances) on or

RECEIVED  
DEC 12 1983

It is for contracts by which (reverse side for specifics.)  
OIL & GAS DIVISION  
DEPT. OF MINES

It is upon a lease or other provision or any similar provision is not inherently related? Yes No XX

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 8 day of December, 1983.  
My commission expires 3-31, 1991.

Patrick A. Drake  
Notary Public, Upshur County,  
State of West Virginia

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

08/25/2023

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

CONCERNING THE LINE ITEMS:

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

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

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

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

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

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

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

| <u>Grantor, lessor, etc.</u> | <u>Grantee, lessee, etc.</u> | <u>Royalty</u> | <u>Book Page</u> |
|------------------------------|------------------------------|----------------|------------------|
| William H. Woods             | Cyclops Corporation          | 1/8            | 43/437           |
| Cyclops Corporation          | Union Drilling, Inc.         |                | 49/507           |

IV-35  
(Rev 8-81)

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MAR 15 1984



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

Date March 9, 1984  
Operator's  
Well No. 2 - 1966  
Farm William Woods, Jr. #2  
API No. 47 - 053 - 0325

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: 840' Watershed Ohio River  
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 William Woods, Jr.  
ADDRESS Gallipolis Ferry, WV 25515  
MINERAL RIGHTS OWNER Same  
ADDRESS \_\_\_\_\_  
OIL AND GAS INSPECTOR FOR THIS WORK \_\_\_\_\_

Jerry Tephacock ADDRESS Rt #1, Box 101-A, Ripley WV 25271  
PERMIT ISSUED 12/29/83  
DRILLING COMMENCED 2/26/84  
DRILLING COMPLETED 3/2/84

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 Cond. |                  |              |                        |
| 13-10"           | 23'              |              |                        |
| 9 5/8            | 1024.25'         |              | 391 cf                 |
| 8 5/8            |                  |              |                        |
| 7                | 2126.15'         | 725.10'      | 158 cf                 |
| 5 1/2            |                  |              |                        |
| 4 1/2            | 3359.55'         |              | 147 cf                 |
| 3                |                  |              |                        |
| 2                |                  |              |                        |
| Liners used      |                  |              |                        |

GEOLOGICAL TARGET FORMATION Lower Huron Depth 3000' feet  
Depth of completed well 3404' feet Rotary x / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh 201; 320' feet; Salt \_\_\_\_\_ feet  
Coal seam depths: 320/330 Is coal being mined in the area? no

OPEN FLOW DATA

Producing formation Huron Pay zone depth 3350' feet  
Gas: Initial open flow show Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 189 Mcf/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 6 days hours

Static rock pressure not taken psig (surface measurement) after \_\_\_\_\_ 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)

WASOW 325

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

Nowasco - 1 stage Foam Frac - 3/7/84

2901/3350 - Huron & Angola Shale - 60,000# 20/40 sand, 140 Bbls water and 847,200 scf nitrogen

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        | 320         | 1/2" stream water @201,320'   |
| Coal         |       |              | 320      | 330         |   |
| Red Rock     |       |              | 330      | 805         |   |
| Sand & Shale |       |              | 805      | 1201        |   |
| Berea        |       |              | 2054     | 2070        |   |
| Upper Huron  |       |              | 2900     | 2914        |   |
| Lower Huron  |       |              | 2952     | 3230        |   |
| Angola Shale |       |              | 3232     | 3352        |   |
|              |       |              |          | 3404        | 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

3/13/84

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 all, encountered in the drilling of a well."



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

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MAR 6 - 1984

INSPECTOR'S WELL REPORT OIL & GAS DIVISION  
DEPT. OF MINES

Permit No. 053 0325

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

|   |   |                  |              |                      |
|---|---|------------------|--------------|----------------------|
| Company <u>Union Drilling</u>                           | CASING AND TUBING   | USED IN DRILLING | LEFT IN WELL | PACKERS              |
| Address _____   | Size  |                  |              |                      |
| Farm <u>Woods</u>                                       | 16  |                  |              | Kind of Packer _____ |
| Well No. <u># 2</u>                                     | 13  |                  |              |                      |
| District _____ County <u>Mason</u>                      | 10  |                  |              | Size of _____        |
| Drilling commenced <u>2 28 84</u>                       | 8 1/4   |                  |              |                      |
| Drilling completed _____ Total depth _____              | 6 5/8   |                  |              | 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 Gary Reed

Remarks:  
Ran 25 jts 9 5/8 csg for 1024' Cement 234 sacs TD 121 1/4 hole 1034'.

2 28 84

Jenifer Topolinski 08/25/2023



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

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MAR 6 - 1984

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 053 0325

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

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

Drillers' Names Gary Reed

Remarks:  
2 29 84 Ran 53 jts 7" csg set at 2126.15' Cement by NOSCOE Plug down 12:15 PM

2 29 84  
DATE

*[Signature]*  
08/25/2023





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

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AUG 14 1984

OIL & GAS DIVISION  
DEPT. OF MINES

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
March 22, 1984

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

PERMIT NO 053-0325 12/83  
FARM & WELL NO Wm. Woods, Jr. #2-1966  
DIST. & COUNTY Clendenin/Mason

| 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                          | ✓             |    |
| 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 Jerry Tephobor  
DATE 8 9 84

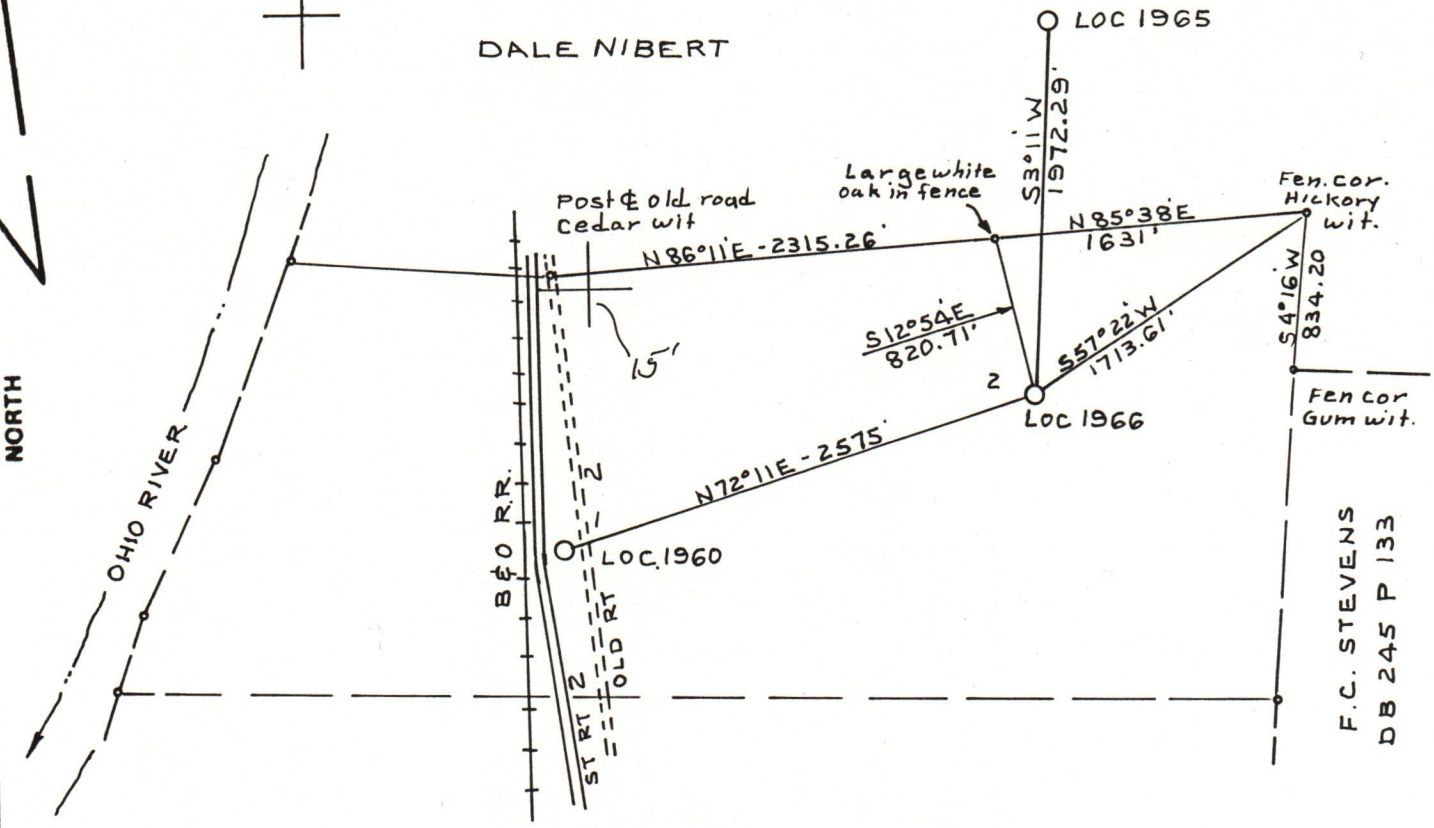
Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

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

August 24, 1984

DATE

DALE NIBERT



W.H. WOODS JR  
DB 160 P 14

FILE NO. BK 81 P 16  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1:200  
 PROVEN SOURCE OF ELEVATION USGS BM E-118  
EL 558.00'

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) C. J. Volley Jr.  
 R.P.E. L.S. 92

PLACE SEAL HERE

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



DATE NOV 25, 19 83  
 OPERATOR'S WELL NO. 1966 (2)  
 API WELL NO. \_\_\_\_\_  
47 - 053 - 0325  
 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 X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 840.02 WATER SHED OHIO RIVER  
 DISTRICT CLENDENIN COUNTY MASON  
 QUADRANGLE APPLE GROVE 7.5'  
 SURFACE OWNER W.H. WOODS JR ACREAGE 279  
 OIL & GAS ROYALTY OWNER W.H. WOODS JR LEASE ACREAGE 504  
 LEASE NO. C-2-585

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) \_\_\_\_\_

08/25/2023

PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 3000  
 WELL OPERATOR UNION DRILLING INC. DESIGNATED AGENT JOSEPH VANZANT  
 ADDRESS PO DRAWER 40 ADDRESS PO DRAWER 40  
BUCKHANNON WVA 26201 BUCKHANNON WVA, 26201