

Date: June 10, 19 81

Operator's Well No. 1 - 1681 - U

API Well No. 47 - 083 - 0486

State County Permit

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

J. M. Huber Corporation #1  
(1681-U)

OIL AND GAS WELL PERMIT

WELL TYPE: Oil        / Gas   x   /  
(If "Gas", Production   x   / Underground storage        / Deep        / Shallow   x   /)

LOCATION: Elevation: 2520 Watershed: Buckhannon River  
District: Middle Fork County: Randolph Quadrangle: Pickens

WELL OPERATOR UNION DRILLING, INC.  
Address P. O. Drawer 40  
Buckhannon, WV 26201

DESIGNATED AGENT UNION DRILLING, INC.  
Address P. O. Drawer 40  
Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER J. M. Huber Corporation  
Address Attn: John Hendrikson  
P. O. Box 1319  
Maryville, Tenn. 37801

COAL OPERATOR         
Address       

Tract 8-7M Acreage 6,502

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Coastal Lumber Company  
Address 5th Street  
Buckhannon, WV 26201  
Acreage 100

Name J. M. Huber Corporation  
Address Attn: John Hendrikson  
P. O. Box 1319  
Marysville, Tenn. 37801  
Name         
Address       

FIELD SALE (IF MADE) TO:  
Address Not Determined at this time

COAL LESSEE WITH DECLARATION ON RECORD:  
Name         
Address       

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Robert Stewart (884-7782)  
Address P. O. Box 345  
Jane Lew, WV 26378

RECEIVED  
JUN 17 1981

OIL & GAS DIVISION  
DEPT. OF MINES

UDI LEASE #789 (Huber)

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed        / lease   x   other contract        / dated Feb. 1, 19 77, to the undersigned well operator from J. M. Huber Corp. to Union Drilling, Inc.  
(If said deed, lease, or other contract has been recorded:)

Recorded on March 4, 19 77, in the office of the Clerk of the County Commission of Webster County, West West, in (Ran.) Deed Book 306 at page 636. A permit is requested as follows:  
(Web.) Lease Book 10 at page 602

PROPOSED WORK: Drill   x   / Drill deeper        / Redrill        / Fracture or stimulate   x   /  
Plug off old formation        / Perforate new formation        /  
Other physical change in well (specify)         
        
—planned as shown on the work order on the reverse side hereof.

The above 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.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
1615 WASHINGTON STREET EAST CHARLESTON, WV 25311  
TELEPHONE: (304) 348-3092

BLANKET BOND

UNION DRILLING, INC.  
Well Operator  
By Josyl C. Felty  
Its Dean H. Bucher, Geologist

03/15/2024



**PROPOSED WORK ORDER**

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) UNION DRILLING, INC.  
Address P. O. Drawer 40  
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Benson

Estimated depth of completed well, 4200 feet Rotary x / Cable tools \_\_\_\_\_ /  
Approximate water strata depths: Fresh, ? feet; salt, ? feet.  
Approximate coal seam depths: ? Is coal being mined in the area? Yes \_\_\_\_\_ / No x /

**CASING AND TUBING PROGRAM**

CASING OR TUBING TYPE	SPECIFICATIONS			New		FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft	Used	For drilling	Left in well			
Conductor	11 3/4"			x		20'	20'		Kinds
Fresh Water									
Coal									Sizes
Intermediate	8 5/8"		20#	x		900'	900'	to surface	
Production	4 1/2"		10 1/2#	x			4100'	410 350 sks. or as needed regd. by rule 1501	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, 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 § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

**THIS PERMIT MUST BE POSTED AT THE WELL SITE**

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling \_\_\_\_\_. This permit shall expire if operations have not commenced by 2-23-82.

J. H. Hargrett  
Deputy Director - Oil & Gas Division

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 receipt thereof.

**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 located on a 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 \_\_\_\_\_

BLANKET BOND

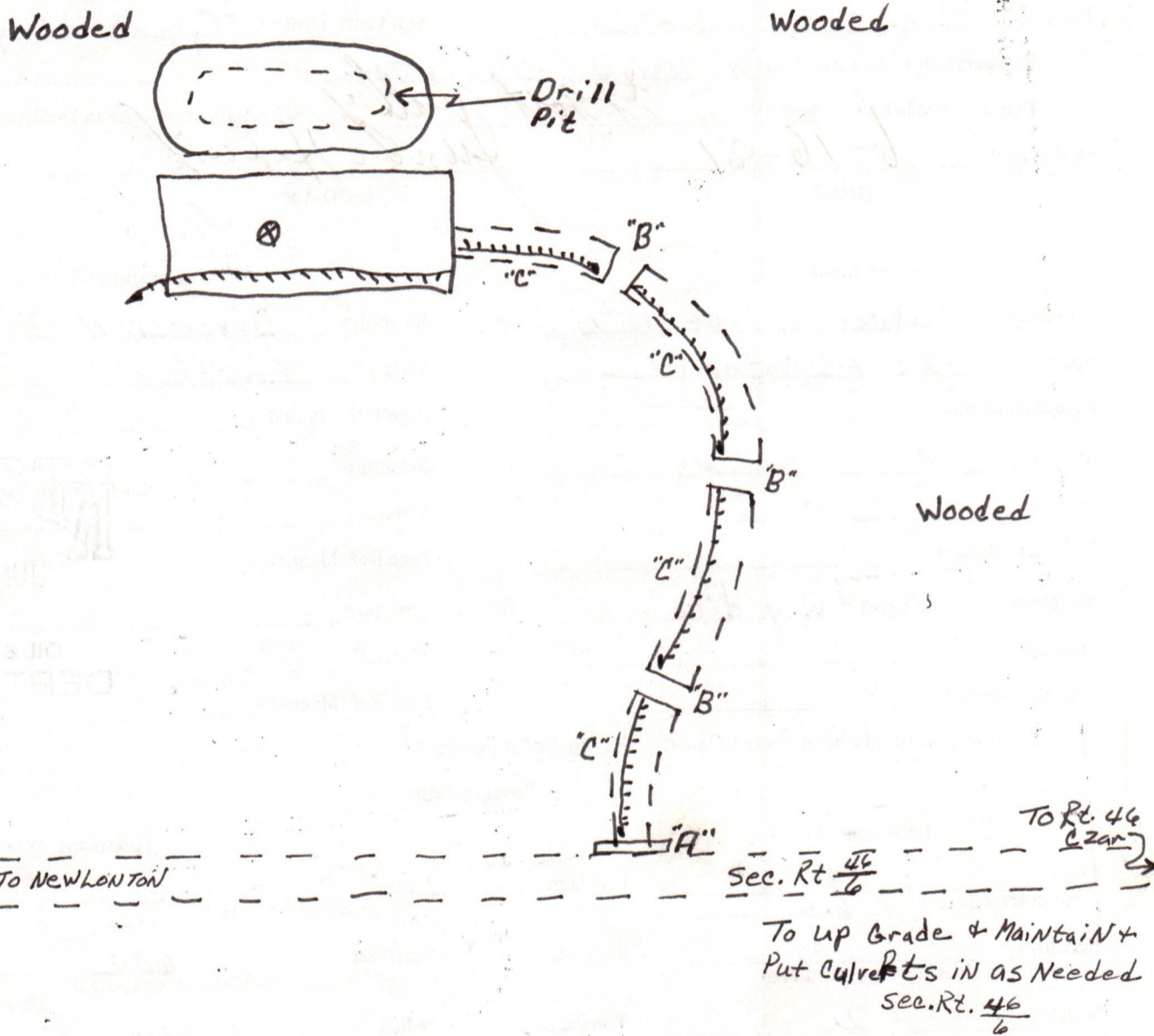
03/15/2024



Well Site Plan

- |         |                   |  |            |  |
|---------|-------------------|--|------------|--|
| Legend: | Property Boundary |  | Diversion  |  |
|         | Road              |  | Spring     |  |
|         | Existing Fence    |  | Wet Spot   |  |
|         | Planned Fence     |  | Building   |  |
|         | Stream            |  | Drain Pipe |  |
|         | Open Ditch        |  | Waterway   |  |

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



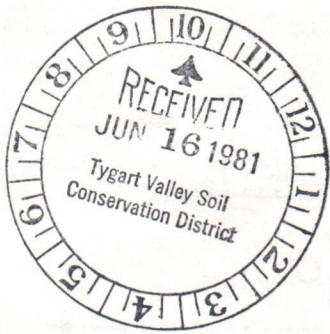
Comments: All commercial timber to be cut + stacked. All brush + small trees to be cut + disposed of before dirt work begins. All slopes to be 2:1 except in rock. Roadwork grade  $\pm$  10%.

Signature: Danny O'Morgan P.O. Drawer 40, Buckhannon/W.Va. 472-410  
 Agent Address Phone Number

03/15/2024

Please request landowners cooperation to protect new seeding for one growing season.





Date 6-15 19 81  
 Well No. 1681  
 API No. 47 - RANDOLPH 0486-Per  
 State County Permit

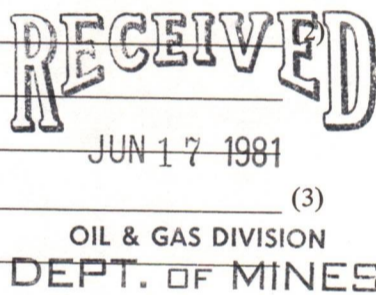
Form IV-9  
(01-80)

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS

Company Name UNION Drilling INC Designated Agent UNION Drilling INC.  
 Address P.O. Drawer 40, Buckhannon W.Va. Address P.O. Drawer 40, Buckhannon W.Va.  
 Telephone 472-4610 Telephone 472-4610  
 Landowner Coastal Lumber Co. Soil Cons. District Tygart Valley  
 Revegetation to be carried out by UNION Drilling INC. (Agent)  
 This plan has been reviewed by Tygart Valley SCD. All corrections and additions become a part  
 of this plan. 6-16-81 Junbo Helwick  
 (Date) (SCD Agent)

Access Road  
 Structure Culverts Pipe (12" min) (A)  
 Spacing At Natural Drains  
 Page Ref. Manual \_\_\_\_\_  
 Structure Cross Drains (B)  
 Spacing 250' ±  
 Page Ref. Manual \_\_\_\_\_  
 Structure Roadway ditch (C)  
 Spacing \_\_\_\_\_  
 Page Ref. Manual \_\_\_\_\_

Location  
 Structure Diversion (1)  
 Material Earthen  
 Page Ref. Manual \_\_\_\_\_  
 Structure \_\_\_\_\_  
 Material \_\_\_\_\_  
 Page Ref. Manual \_\_\_\_\_  
 Structure \_\_\_\_\_ (3)  
 Material \_\_\_\_\_  
 Page Ref. Manual \_\_\_\_\_



All structures should be inspected regularly and repaired if necessary.

Revegetation

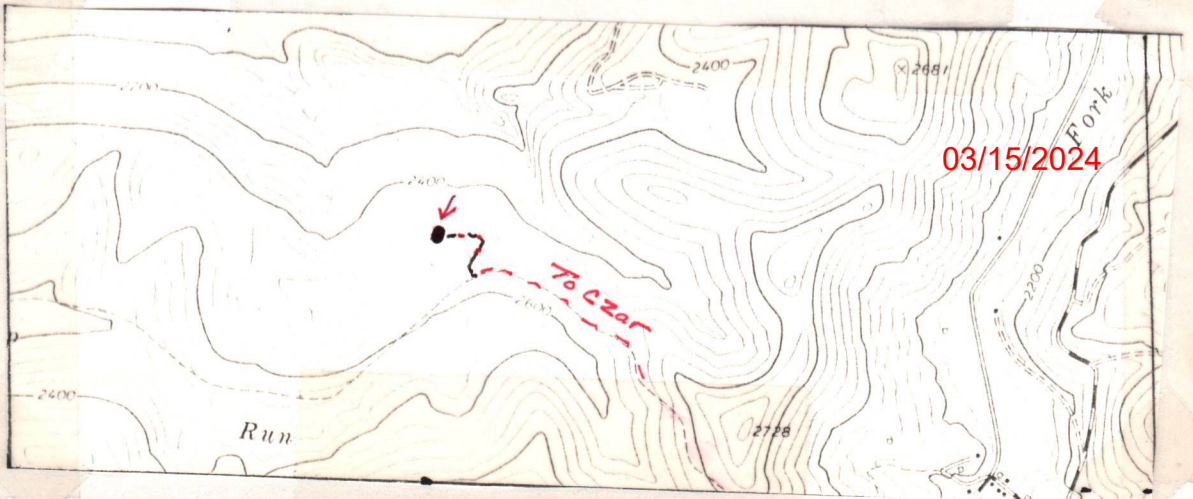
Treatment Area I  
 Lime 3 Tons/acre  
 or correct to pH 6.5  
 Fertilizer 600 lbs/acre  
 (10-20-20 or equivalent)  
 Mulch 2 Tons/acre  
 Seed\* Ky 31 30 lbs/acre  
Birdsfoot 10 lbs/acre  
Domestic Rye 10 lbs/acre

Treatment Area II  
 Lime 3 Tons/acre  
 or correct to pH 6.5  
 Fertilizer 600 lbs/acre  
 (10-20-20 or equivalent)  
 Mulch 2 Tons/acre  
 Seed\* Ky 31 30 lbs/acre  
Birdsfoot 10 lbs/acre  
Domestic Rye 10 lbs/acre

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

Attach or photocopy section of involved Topographic map. Quadrangle Pickens

Legend: ⊕ Well Si  
 — Access





PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) UNION DRILLING, INC.  
Address P. O. Drawer 40  
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Benson

Estimated depth of completed well, 4200 feet Rotary x / Cable tools        /  
Approximate water strata depths: Fresh, ? feet; salt, ? feet.  
Approximate coal seam depths: ? Is coal being mined in the area? Yes        / No x /

CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft	New	Used	For drilling	Left in well			
Conductor	11 3/4"			x		20'	20'		Kinds	
Fresh Water										
Coal									Sizes	
Intermediate	8 5/8"		20#	x		900'	900'	to surface		
Production	4 1/2"		10 1/2#	x			4100'	350 sks. or as needed	Depths set	
Tubing										
Liners									Perforations:	
									Top	Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, 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 § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form Iv-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

**THIS PERMIT MUST BE POSTED AT THE WELL SITE**

All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling renewed. This permit shall expire if operations have not commenced by 10-24-82.

[Signature]  
Deputy Director - Oil & Gas Division

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 receipt thereof.

WAIVER

The undersigned coal operator        / owner        / lessee        / of the coal under this well location 03/15/2024 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         
BLANKET PERMIT



Date: February 17 1982  
~~XXXXXX~~ , 19 ~~XX~~

Operator's Well No. 1 - 1681 - U

API Well No. 47 - 083 - 0486

(PERMIT RENEWAL)

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

State County Permit

J. M. Huber Corporation #1  
(1681-U)

OIL AND GAS WELL PERMIT

WELL TYPE: Oil \_\_\_\_\_ / Gas x /  
(If "Gas", Production x / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow x /)

LOCATION: Elevation: 2520 Watershed: Buckhannon River  
District: Middle Fork County: Randolph Quadrangle: Pickens

WELL OPERATOR UNION DRILLING, INC. DESIGNATED AGENT UNION DRILLING, INC.  
Address P. O. Drawer 40 Address P. O. Drawer 40  
Buckhannon, WV 26201 Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER J. M. Huber Corporation  
Address Attn: John Hendrikson  
P. O. Box 1319  
Maryville, Tenn. 37801

COAL OPERATOR \_\_\_\_\_  
Address \_\_\_\_\_

Acreage 6,502

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Coastal Lumber Company  
Address 5th Street  
Buckhannon, WV 26201

Name J. M. Huber Corporation  
Address Attn: John Hendrikson  
P. O. Box 1319  
Marysville, Tenn. 37801

Tr. 18-7M Acreage 100

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

FIELD SALE (IF MADE) TO:  
Address Not Determined at this time

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Robert Stewart (884-7782)  
Address P. O. Box 345  
Jane Lew, WV 26378

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

UDI LEASE #789 (Huber)

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_\_\_ / lease x other contract \_\_\_\_\_ / dated Feb. 1, 1977, to the undersigned well operator from J. M. Huber Corp. to Union Drilling, Inc.  
(IF said deed, lease, or other contract has been recorded:)

Recorded on March 4, 1977, in the office of the Clerk of the County Commission of Webster County, West Virginia, in (Ran.) Deed Book 306 at page 636 and (Web.) Lease Book 10 at page 602. A permit is requested as follows:

PROPOSED WORK: Drill x / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Fracture or stimulate x /  
Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_ /  
Other physical change in well (specify) \_\_\_\_\_

—planned as shown on the work order on the reverse side hereof.

The above 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.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
1615 WASHINGTON STREET EAST CHARLESTON, WV 25311  
TELEPHONE: (304) 348-3092

RECEIVED

FEB 18 1982

OIL AND GAS DIVISION WV DEPARTMENT OF MINES

BLANKET BOND

03/15/2024

UNION DRILLING, INC.  
Well Operator  
By Joseph C. Fetter  
Its Dean H. Bucher, Geologist

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

RECEIVED

FEB 16 1983

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 083-0486

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

Company <u>Union DRILLING</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>Buck Hannon</u>	Size			
Farm <u>Jim. HUBER</u>	16			Kind of Packer _____
Well No. <u>1-1681-U</u>	13			Size of _____
District <u>MIDDLE FORK</u> County <u>RANDOLPH</u>	10			
Drilling commenced _____	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 3/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.	Liners Used			Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

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

Remarks:  
No location - Cancel  
O.K. To Release

2-17-83  
DATE

Robert Stewart 03/15/2024 517  
DISTRICT WELL INSPECTOR









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

WALTER N. MILLER  
DIRECTOR

THEODORE M. STREIT  
ADMINISTRATOR

March 1, 1983

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

In Re: PERMIT NO: 47-083-0486  
FARM: J. M. Huber/Coastal Lumber Co.  
WELL NO: 1-1681-U  
DISTRICT: Middle Fork  
COUNTY Randolph

Gentlemen:

The FINAL INSPECTION REPORT for the above described well has been received in this office. Only the column check below applies:

XXXXXX The well designated by the above permit number has been released under your Blanket Bond. (Permit Cancelled - Never Drilled.)

\_\_\_\_\_ Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

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

Very truly yours,

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

TMS/

03/15/2024