

Date: December 31, 1981

Operator's Well No. 1 - 1736

API Well No. 47 - 083 - 0578

State County Permit

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

Morgan Cressler #1 (1736)

OIL AND GAS WELL PERMIT

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

LOCATION: Elevation: 2618' Watershed: Crislip Run, Middle Fork of 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 FEE SIMPLE TITLE  
Morgan & Josephine Cressler  
Address P. O. Box 366  
Webster Springs, WV 26288

COAL OPERATOR           
Address         

Acreage 200

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Same  
Address           
          
Acreage         

Name           
Address           
          
Name           
Address         

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

COAL LESSEE WITH DECLARATION ON RECORD  
Name           
Address           
**RECEIVED**  
JAN 4 - 1982  
OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

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

UDI Lease #1116

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 May 6, 1980, to the undersigned well operator from Morgan & Josephine L. Cressler (wife) to Union Drilling, Inc.

(If said deed, lease, or other contract has been recorded:)  
Recorded on May 12, 1980, in the office of the Clerk of the County Commission of Randolph County, West Va.  
in Deed Book 330 at page 443. 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

**BLANKET BOND**

**10/20/2023**  
UNION DRILLING, INC.  
Well Operator  
By Joseph C. Pettey  
Its Joseph C. Pettey, Vice President of Production

**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, 4300 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		850'	850'	to surface	
Production	4 1/2"		10 1/2#	X			4300'	430 sks. or as req. by rule 15.01.	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 9-5-82.

J. E. Murray  
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 10/20/2023 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 [Signature]

Its \_\_\_\_\_

10/20/01

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS



Date 12-15 19 81  
Well No. 1736  
API No. 47  
County Randolph -  
Permit 578

Company Name UNION DRILLING INC.  
Address P.O. Drawer 40, Buckhannon W.Va.  
Telephone 472-4610  
Landowner Morgant Josephine Dressler  
Revegetation to be carried out by UNION DRILLING INC.  
This plan has been reviewed by Tygart Valley  
12/23/81 (Date)  
SCD. All corrections and additions become a part  
of this plan.

Access Road  
Structure \_\_\_\_\_  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
Structure CROSS DRAINS  
Spacing 250' ±  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
Structure Roadway Details  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

Location  
Structure Division  
Material Earthen  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

All structures should be inspected regularly and repaired if necessary.

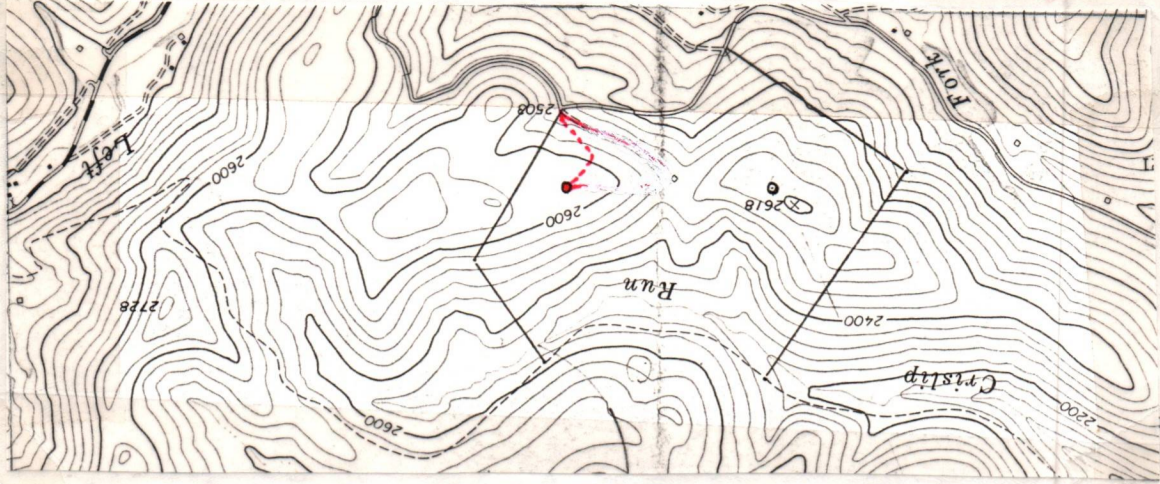
Revegetation

Treatment Area I		Treatment Area II	
Lime	3 Tons/acre or correct to pH 6.5	Lime	3 Tons/acre or correct to pH 6.5
Fertilizer	600 lbs/acre (10-20-20 or equivalent)	Fertilizer	600 lbs/acre (10-20-20 or equivalent)
Mulch	2 Tons/acre	Mulch	2 Tons/acre
Seed* Ky 31	30 lbs/acre	Seed* Ky 31	30 lbs/acre
Birdsfoot	10 lbs/acre	Birdsfoot	10 lbs/acre
Domestic Rye	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 7.5

Legend: ⊕ Well Site

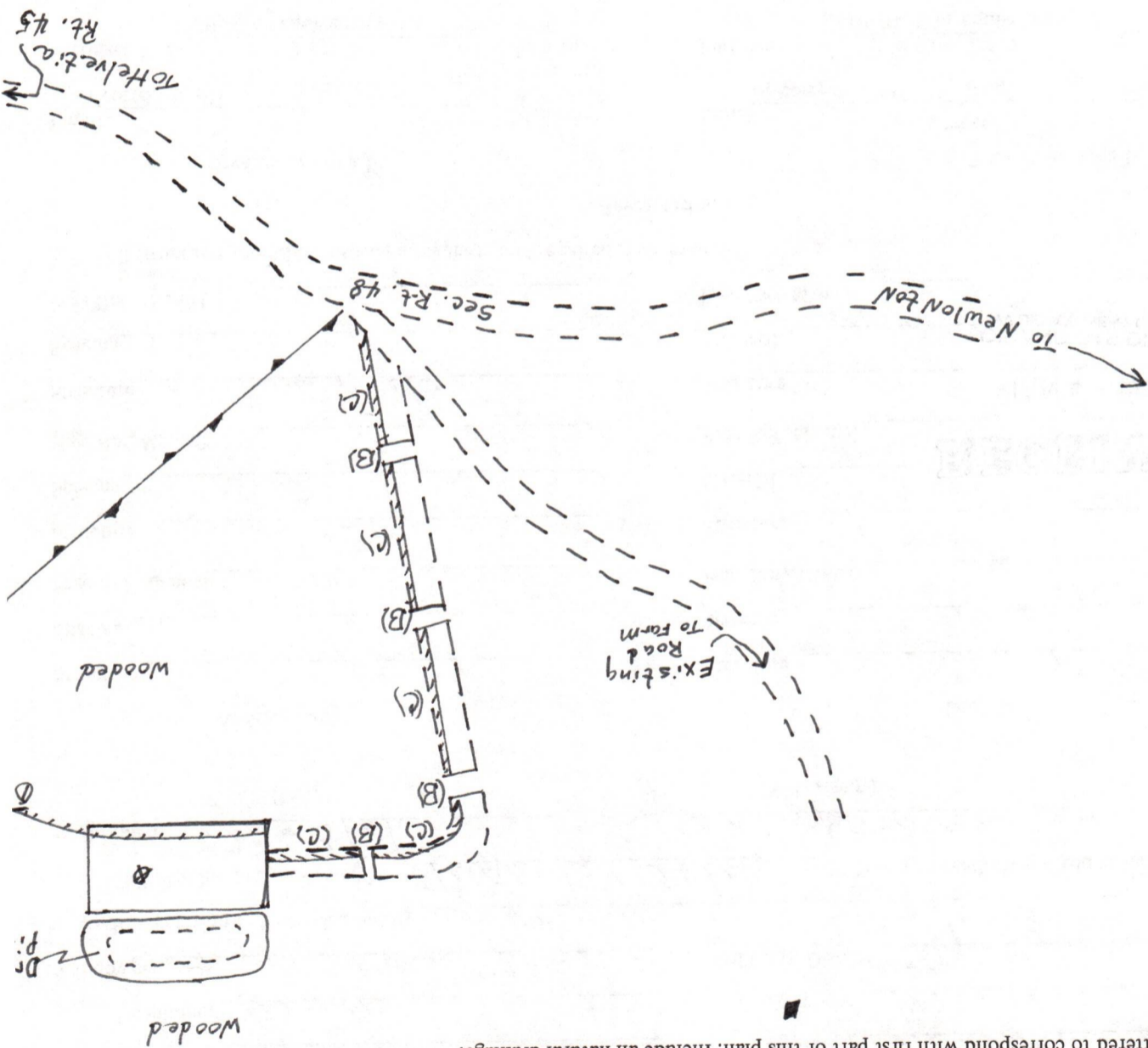


Well Site Plan

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

10/20/2023

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 3:1 except in rock. Roadway grade  $\pm$  12%

Signature: *Nancy Morgan P.O. Box 1110, Buckhannon, W. Va. 472-4610*

Agent: *Nancy Morgan P.O. Box 1110, Buckhannon, W. Va. 472-4610*

Address: *Buckhannon, W. Va. 472-4610*

Phone Number: *472-4610*

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

P 311 719 179

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED —  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

SENT TO		Mr. & Mrs. Morgan Cressler	
STREET AND NO.		P. O. Box 366	
P.O., STATE AND ZIP CODE		Webster Springs, WV 26288	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES			
OPTIONAL SERVICES			
RETURN RECEIPT SERVICE	SHOW TO WHOM AND DATE DELIVERED		
RESTRICTED DELIVERY	SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY		
SPECIAL DELIVERY	SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		
CERTIFIED FEE			
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE		8/4/83 Renew plugging permit 1736	

PS Form 3800, Apr. 1976

RECEIVED

AUG - 5 1983

OIL & GAS DIVISION  
DEPT. OF MINES

10/20/2023



IV-35  
(Rev 8-81)

Date August 27, 1982  
Operator's  
Well No. 1-1736  
Farm Morgan Cressler #1 (1736)  
API No. 47 - 083 - 0578

State of West Virginia  
Department of Mines  
Oil and Gas Division

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: 2618' Watershed Crislip Run, Middle Fork of Buckhannon River  
District: Middle Fork County Randolph Quadrangle Pickens

COMPANY Union Drilling Inc.  
ADDRESS P O Drawer 40, Buckhannon WV 26201  
DESIGNATED AGENT Union Drilling Inc.  
ADDRESS P O Drawer 40, Buckhannon WV 26201  
SURFACE OWNER Morgan & Josephine Cressler  
ADDRESS P O Box 366, Webster Spgs. WV 26288  
MINERAL RIGHTS OWNER Morgan & Josephine Cressler  
ADDRESS P O Box 366, Webster Spgs. WV 26288  
OIL AND GAS INSPECTOR FOR THIS WORK Robert Stewart  
ADDRESS P O Box 345, Jane Lew WV 26378  
PERMIT ISSUED 1/4/82  
DRILLING COMMENCED 6/14/82  
DRILLING COMPLETED 6/21/82  
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON Partial plugging on 6/22/82

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"			
9 5/8			
8 5/8	1008'	1008'	307
7			
5 1/2			
4 1/2	4100.16'	4100.16'	850 with
3			75 BBL 6% Gel in Bottom of hole.
2			
Liners used			

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OIL & GAS DIVISION  
DEPT. OF MINES

GEOLOGICAL TARGET FORMATION Benson Depth 4300' feet  
Depth of completed well 5463' feet Rotary X / Cable Tools \_\_\_  
Water strata depth: Fresh at 130' feet; Salt \_\_\_ feet  
Coal seam depths: 571', 760', 843' Is coal being mined in the area? No

OPEN FLOW DATA  
Producing formation Blue Monday Pay zone depth 1514' feet  
Gas: Initial open flow show Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow none Mcf/d Oil: Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests ? hours  
Static rock pressure 275 psig (surface measurement) after one <sup>week</sup> hours shut in  
(If applicable due to multiple completion--)  
Second producing formation Big Injun Pay zone depth 1781' feet  
Gas: Initial open flow show Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow none Mcf/d Oil: Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests ? hours  
Static rock pressure 275 psig (surface measurement) after one <sup>week</sup> hours shut in

(Continue on reverse side)

EMO. 0518

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

Halliburton Water Fractured 6/25/82

1510/14 Blue Monday 35,000 lbs. Sand--250 Bbls Water

1777/81 Big Injun 35,000 lbs. Sand--279 Bbls Water

3974.5/78.5 Benson 35,000 lbs. Sand--279 Bbls Water

Halliburton --Squeeze Job 6/25/82 and Water Fractured 7/1/82 on Blue Monday

1510/14 Blue Monday 35,000 lbs. Sand--299 Bbls. Water

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Fill			0'	5'	
Sand			5'	68'	
Sand & Shale			68'	571'	Hole damp @ 130'
Coal			571'	578'	Coal @ 571'
Sand & Shale			578'	760'	
Coal			760'	765'	Coal @ 760'
Sand			765'	843'	
Coal			843'	847'	Coal @ 843'
Sand & Shale			847'	1040'	
Redrock			1040'	1096'	
Sand			1096'	1157'	
Redrock			1157'	1210'	
Sand & Shale			1210'	1482'	
Blue Monday			1482'	1548'	
Sand & Shale			1548'	1551'	
Big Lime			1551'	1652'	
Big Injun			1652'	1792'	
Sand & Shale			1792'	2253'	
5th Sand			2253'	2317'	
Sand & Shale			2317'	2330'	
Bayard			2330'	2395'	
Sand & Shale			2395'	2509'	
Elizabeth			2509'	2518'	
Sand & Shale			2518'	3366'	
Bradford			3366'	3392'	
Sand & Shale			3392'	3663'	
Riley			3663'	3725'	
Sand & Shale			3725'	3969'	
Benson			3969'	4001'	
Sand & Shale			4001'	5301'	
Elk			5301'	5377'	
Sand & Shale			5377'	5463' TD	Show

(Attach separate sheets as necessary)

Union Drilling Inc.

Well Operator

By: Joseph C. Pettey 10/20/2023  
Joseph C. Pettey, Vice President of Production

Date: August 27, 1982

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."

083-0578

SUPPLEMENT TO WELL OPERATOR'S REPORT

Date August 27, 1982
Operator's
Well No. 1-1736
Farm Morgan Cressler #1 (1736)
API NO. 47-083-0578

Third producing formation Benson Pay zone depth 3978.5'

Gas: Initial open flow show Mcf/d Oil: Initial open flow Bbl/d
Final open flow none Mcf/d Final open flow Bbl/d

Time of open flow between initial and final tests ? hours

Static rock pressure 275 psig(surface measurement) after one week shut in

Fourth producing formation Pay zone depth

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

Fifth producing formation Pay zone depth

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

Sixth producing formation Pay zone depth

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

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NOV 03 1982

OIL & GAS DIVISION
DEPT. OF MINES

10/20/2023

RWD. 0578



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

RECEIVED

JUN 16 1982

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. 083-0578

Oil or Gas Well GAS  
(KIND)

Company <u>UNION DRILLING INC</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address <u>BUCKHANNON</u>	Size			
Farm <u>MORGAN CRESSLER</u>	16			Kind of Packer
Well No. <u>1-1736</u>	13			
District <u>MIDDLE FORK</u> County <u>RANDOLPH</u>	10			Size of
Drilling commenced <u>6-14-82</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 UNION DRIG RIG -3

Remarks:

MOVE RIG SPUD

6-14-82

DATE

Robert Stewart

10/20/2023

511

DISTRICT WELL INSPECTOR

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: \_\_\_\_\_

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

**10/20/2023**  
DISTRICT WELL INSPECTOR

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

NOTICE OF INTENTION TO PLUG AND ABANDON A WELL

WELL TYPE: Oil \_\_\_ / Gas X / Liquid Injection \_\_\_ / Waste Disposal \_\_\_  
(If "Gas", Production X / Underground storage \_\_\_ / Deep \_\_\_ / Shallow X)

LOCATION: Elevation: 2618' Watershed: Crislip Run, Middle Fork of Buckhannon River  
District: Middle Fork County: Randolph Quadrangle: Pickens

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

DESIGNATED AGENT ✓  
Joseph C. Vanzant, Jr.  
Union Drilling, Inc.  
Address P. O. Drawer 40  
Buckhannon, WV 26201

ROYALTY OWNER Morgan & Josephine Cressler  
Address P. O. Box 366  
Webster Springs, WV 26288

COAL OPERATOR  
Address

ACREAGE 200  
SURFACE OWNER Morgan & Josephine Cressler  
Address P. O. Box 366  
Webster Springs, WV 26288  
ACREAGE 200

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Morgan & Josephine Cressler  
Address P. O. Box 366  
Webster Springs, WV 26288

FIELD SALE (IF MADE) TO:  
Name None  
Address

Name  
Address

COAL LESSEE WITH DECLARATION ON RECORD  
Name  
Address

The undersigned proposes to plug and abandon XX / clean out and replug \_\_\_ / the above described well, commencing on the date the Oil and Gas Inspector is notified, it being understood that the date of such notification shall not be less than five days after the day on which this Form IV-4 is received or in due course should be received by the Department of Mines.

The method of plugging is planned as shown on the work order on the reverse side hereof. This Notice is given to the Department and the others specified above, so that they or their representatives may be present at the plugging and filling of said well. However, whether they are represented or not, the undersigned will proceed on that date, or as soon thereafter as convenient, to plug or clean out and replug said well by the applicable method specified in Code § 22-4-10 and given in detail on the reverse hereof.

This notice has been or is being this day sent by registered or certified mail to each party named at the address above listed.

THIS PLUGGING PERMIT APPROVED  
ON 16th. November, 1982...

UNION DRILLING, INC.  
Name of Person Giving Notice  
By Joseph C. Pettey  
Its Joseph C. Pettey, Vice President of Production

\* Address (if not set forth above)  
\_\_\_\_\_  
\_\_\_\_\_

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-4 must be filed with the Department, accompanied by (i) a plat required by Regulation 8.01 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 required by Code § 22-4-12a, (iii) the fee required by Code § 22-4-12a, and (iv) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23.

RECEIVED  
NOV 03 1982

OIL & GAS DIVISION  
DEPT. OF MINES

BLANKET BOND

[08-78]

PROPOSED WORK ORDER FOR PLUGGING AND FILLING WELL

[THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED  
BY AFFIDAVIT (FORM IV-38) ON COMPLETION]

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

PLUGGING METHOD PROPOSED BY WELL OPERATOR:

- \_\_\_\_\_ As provided by Code § 22-4-10(a)(1), where the well does not penetrate a workable coal bed, and without placing a liner
- \_\_\_\_\_ As provided by Code § 22-4-10(a)(2), where the well does not penetrate a workable coal bed, but including placing a liner
- XX As provided in Code § 22-4-10(b), where a coal protection string of casing has been circulated and cemented in to the surface
- \_\_\_\_\_ As provided in Code § 22-4-10(c), where a coal protection string of casing has not been circulated and cemented in to the surface

NOTE: If the proposed plugging method is the last stated above, as provided in Code § 22-4-10(c), then the well operator must include cost estimates in the space provided below, and in addition complete the right-hand column (including comparative estimates) in case the coal operator, owner or lessee has requested or does request plugging under the provisions of Code § 22-4-10(d)(3).

- \_\_\_\_\_ As provided in Code § 22-4-10(e), where the well must be cleaned out and replugged to permit the safe mining through of such well

Description of the method by which the well was previously plugged: \_\_\_\_\_

FOR PLUGGING METHOD PROPOSED

PLUGGING MATERIALS				
Type of Cement	Other Materials	Depth	Thickness	Estimated Cost
Common	6% Gel	TD/4200	4200	
		3000/	3000	
Common	6% Gel	1800/	1800	
		1700/	1700	
Common	6% Gel	1570/	1570	
		1470/	1470	
Common	6% Gel	1470/	1070	
		970/	970	
	6% Gel	970/	0	
Bridge Plugs Used--Type and Depth				
VENT PIPE used as a marker				
MISCELLANEOUS MATERIALS				
CASING LOST 4 1/2" 3150'				
TYPE OF RIG:				
Owner: Well Op'r <u>XX</u> / Contractor _____				
Rig time: _____ days plus _____ hours				
OPERATOR'S LABOR COSTS				
OUTSIDE SERVICES (type and company)				
SUB-TOTAL				
LESS SALVAGE				
TOTAL				

FOR PLUGGING ON REQUEST UNDER CODE § 22-4-10(d)(3)

PLUGGING MATERIALS				
Type of Cement	Other Materials	Depth	Thickness	Estimated Cost
Bridge Plugs Used--Type and Depth				
VENT PIPE				
MISCELLANEOUS MATERIALS				
CASING LOST				
TYPE OF RIG:				
Owner: Well Op'r _____ / Contractor _____				
Rig time: _____ days plus _____ hours				
OPERATOR'S LABOR COSTS				
OUTSIDE SERVICES (type and company)				
SUB-TOTAL				
LESS SALVAGE				
TOTAL				

10/20/2023

**RECEIVED**  
SEP 13 1984  
OIL & GAS DIVISION  
**DEPT. OF MINES**

AFFIDAVIT OF PLUGGING AND FILLING WELL

AFFIDAVIT SHOULD BE MADE IN TRIPLICATE, one copy mailed to the Department, one copy to be retained by the Well Operator and the third copy (and extra copies if required) should be mailed to each coal operator at their respective addresses.

Same as Lease  
Coal Operator or Owner  
Address  
Coal Operator or Owner  
Address  
Morgan & Josephine Cressler  
Lease or Property Owner  
P.O. Box 366, Webster Springs, WV  
Address 26288

Union Drilling Inc.  
Name of Well Operator  
P.O. Drawer 40, Buckhannon, WV  
Complete Address 19  
WELL AND LOCATION  
Middle Fork District  
Randolph County  
WELL NO. 1 (one)  
Morgan Cressler Farm  
Phillip Tracy

STATE INSPECTOR SUPERVISING PLUGGING

AFFIDAVIT

STATE OF WEST VIRGINIA,  
County of Upshur ss:

Larry Helmick and Robert Landis

being first duly sworn according to law depose and say that they are experienced in the work of plugging and filling oil and gas wells and were employed by R. L Wharton LTD, well operator, and participated in the work of plugging and filling the above well, that said work was commenced on the 5th day of September, 19 84, and that the well was plugged and filled in the following manner:

Sand or Zone Record Formation	Filling Material	Plugs Used Size & Kind	Casing	
			CSG PULLED	CSG LEFT IN
4000 - 4200	Cement			
4000 - 0	Gel			
1700 - 1800	Cement	4 1/2	1080	3120
1470 - 1570	Cement			
1080 - 980	Cement			
980 - 0	Gel			
Coal Seams				
(Name)		8" Casing Extending		
(Name)		Above ground 30"		
(Name)				
(Name)				

and that the work of plugging and filling said well was completed on the 7th day of September, 19 84.

And further deponents saith not.

Sworn to and subscribed before me this 7th day of September, 19 84.

My commission expires:  
Nov. 3, 1993

*Larry Helmick*  
*Robert Landis* 10/20/2023  
*Gene Murray*  
Notary Public  
Commissioned as Gene Murray  
Permit No. 47-083-0578-P

Rand. - 0578-P

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DEPT. OF MINES  
ORANGE DIVISION

4200  
3150  
1050

10/20/2023



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DEPT. OF MINES

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

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT

COMPANY Union Drilling  
P. O. Box Drawer 40  
Buckhannon, WV 26201

PERMIT NO 83-578-P  
FARM & WELL NO Crosser 1736  
DIST. & COUNTY Wills Fork Randolph

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	_____	_____
25.04	Prepared before Drilling to Prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strenght	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Phillip Gray  
DATE 10-30-86

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

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

January 9, 1985

DATE

- 1) Date: August 4, 1983
- 2) Operator's Well No. 1 - 1736
- 3) API Well No. 47 - 083 - 0578  
State County Permit



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

APPLICATION FOR A PERMIT TO PLUG AND ABANDON A WELL

- 4) WELL TYPE: A Oil  Gas  Liquid injection  Waste disposal   
B (If "Gas", Production  Underground storage  Deep  Shallow )
- 5) LOCATION: Elevation: 2618' Watershed: Crislip Run, Middle Fork of Buckhannon River  
District: Middle Fork County: Randolph Quadrangle: Pickens
- 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) PLUGGING CONTRACTOR  
Name Philip Tracy Name Union Drilling, Inc.  
Address \_\_\_\_\_ Address P. O. Drawer 40  
Buckhannon, WV 26201

10) WORK ORDER: The work order for the manner of plugging this well is as follows:

- TD - 4200 6% Gel
- 4200 - 3000 Common cement
- 3000 - 1800 6% Gel
- 1800 - 1700 Common cement
- 1700 - 1570 6% Gel
- 1570 - 1470 Common cement
- 1470 - 1070 6% Gel
- 1070 - 970 Common cement
- 970 - 0 6% Gel

Vented pipe used as marker

Estimated casing lost: 3150' of 4½"  
1008' of 8 5/8"

*Renewed 8/15/83*

The law requires a comment period for surface owners. However, the permit can be issued in less than five days from the filing of the Application to plug and abandon 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 Permit to Plug and Abandon a Well, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-4(A), (2) an Application for a Well Work Permit on Form IV-4(B), and (3) a survey plat on Form IV-6, all for proposed well plugging work on my surface land as described therein.

I further state that I have no objection to the planned plugging described in these materials, and I have no objection to a plugging permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: \_\_\_\_\_

\_\_\_\_\_  
(Signature) Date: \_\_\_\_\_

By \_\_\_\_\_

\_\_\_\_\_  
(Signature) Date: \_\_\_\_\_

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

10/20/2023



INSTRUCTIONS TO SURFACE OWNERS  
AND  
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT  
ON WELL PLUGGING PERMIT

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to plug and abandon a well. 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.

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 FIVE (5) 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 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:

- "The proposed well work will constitute a hazard to the safety of persons; or...
- "Damage would occur to publicly owned lands or resources; or...
- "The proposed well work fails to protect fresh water sources or supplies."

If you want a copy of the plugging 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 plugging. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.

825



1) Date: August 4 19 83  
2) Operator's Well No. 1 - 1736  
3) API Well No. 47 - 083 - 0578  
State County Permit

STATE OF WEST VIRGINIA  
OFFICE OF OIL AND GAS, DEPARTMENT OF MINES  
NOTICE OF APPLICATION TO PLUG AND ABANDON A WELL

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Morgan & Josephine Cressler  
Address P. O. Box 366  
Webster Springs, WV 26288

(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_

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

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AUG - 5 1983

5 (i) COAL OPERATOR \_\_\_\_\_  
Address \_\_\_\_\_

5 (ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Morgan & Josephine Cressler  
Address P. O. Box 366  
Webster Springs, WV 26288

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

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

OIL & GAS DIVISION

DEPT. OF MINES

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

- (1) The Application to Plug and Abandon a Well on Form IV-4(B), which sets out the parties involved in the work, and describes the well and its location and the plugging work order; and
- (2) The plat (surveyor's map) showing the well location on Form IV-6.

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-4 (B)) 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 Permit to plug and abandon a well with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to the well at the location described on the attached Application and depicted on the attached Form IV-6. Copies of this Notice, the Application, and the plat 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.

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 4th day of August, 19 83.  
My commission expires May 22, 19 89.

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

WELL OPERATOR UNION DRILLING, INC.  
By Joseph C. Pettey, Vice President of Prod.

Address P. O. Drawer 40  
Buckhannon, WV 26201

COMMISSIONED AS SHARON L. KELLEY Telephone (304) 472-4610

10/20/2023

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 § 22-4-1m(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.

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

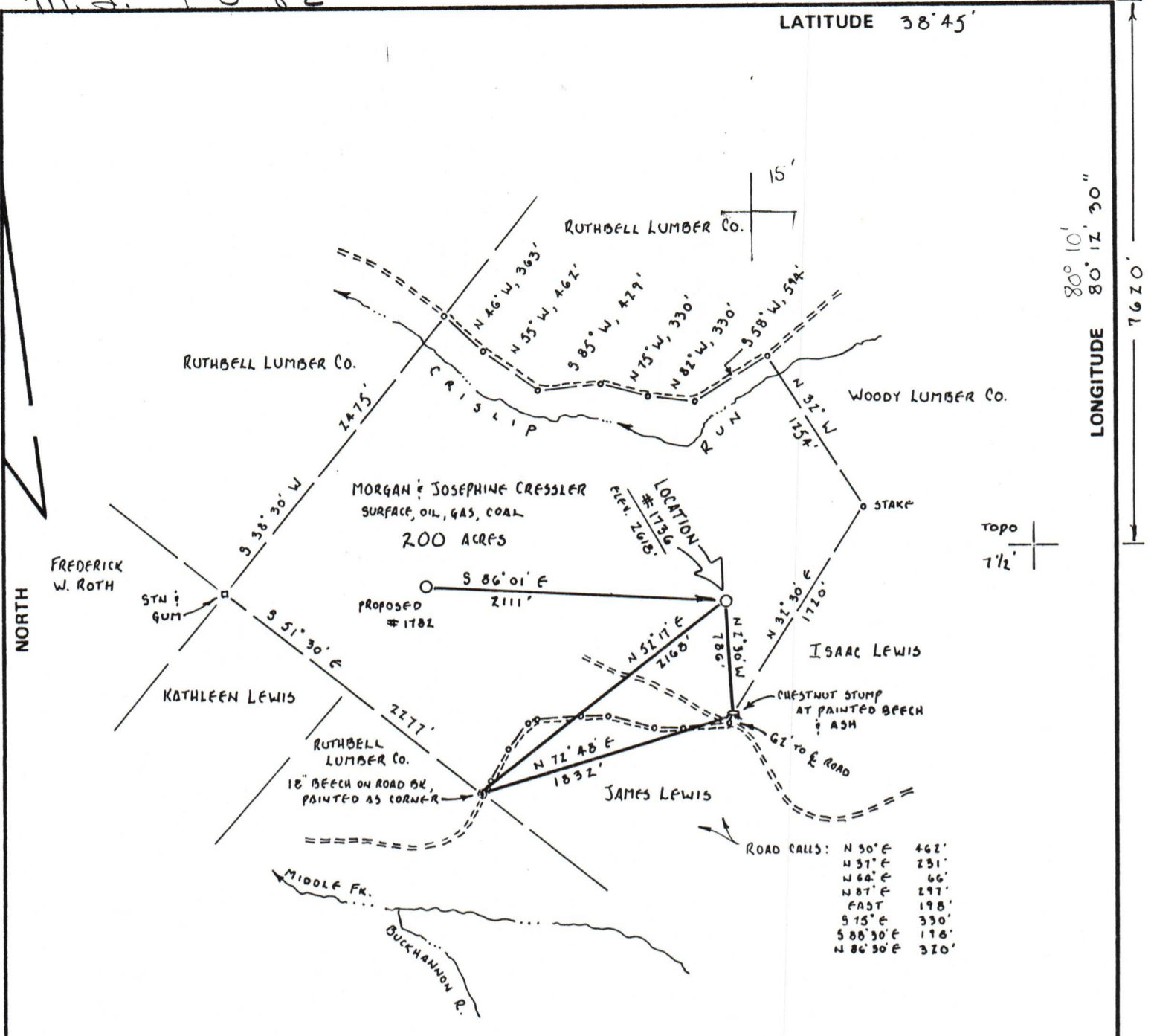
Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and two copies of the Application must be filed with the Administrator, accompanied by (i) an original and four copies of the Notice, (ii) an original and four copies of a plat in the form prescribed by Regulation 11, and (iii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-9.

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 and 22-4-9.

M.S. 1-5-82

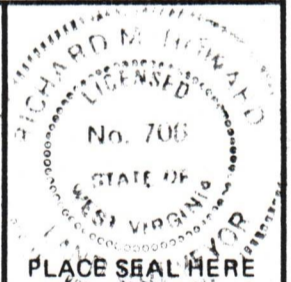
1190'

LATITUDE 38°45'



FILE NO. W UDI 1-25  
 DRAWING NO. 8-08-1 VAR 3-44  
 SCALE 1" = 1000'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200'  
 PROVEN SOURCE OF ELEVATION ROAD JUNCTION 800' SOUTH OF LOCATION. ELEV. 2503'

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) Richard M. Howard  
 R.P.E. \_\_\_\_\_ L.L.S. 706



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



DATE December 8, 1981  
 OPERATOR'S WELL NO. 1736  
 API WELL NO. \_\_\_\_\_  
47 - 083 - 0578-P  
 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 2618' WATER SHED CRISLIP RUN, MIDDLE FORK OF BUCKHANNON RIVER  
 DISTRICT MIDDLE FORK COUNTY RANDOLPH  
 QUADRANGLE PICKENS 7 1/2'  
 SURFACE OWNER MORGAN & JOSEPHINE CRESSLER ACREAGE 200  
 OIL & GAS ROYALTY OWNER MORGAN & JOSEPHINE CRESSLER LEASE ACREAGE 200  
 LEASE NO. 1116 10/20/2023  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION BENSON ESTIMATED DEPTH 4300'  
 WELL OPERATOR UNION DRILLING, INC. DESIGNATED AGENT UNION DRILLING, INC.  
 ADDRESS P.O. DRAWER 40 ADDRESS P.O. DRAWER 40  
BUCKHANNON, W. VA. 26201 BUCKHANNON, W. VA. 26201

RAN. 0578 - P