

Operator's Well No. 1-1553-U
API Well No. 47 - 083 - 0300
State County Permit

Harry McMullan, Jr. Estate
#1 (1553-U)

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

OIL AND GAS WELL PERMIT APPLICATION

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

LOCATION: Elevation: 1914' Watershed: Middle Fork River
District: Roaring Creek County: Randolph Quadrangle: Ellamore

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 Harry McMullan, Jr. Estate
Harry McMullan, III, Agent
Address P. O. Box 8
Washington, NC 27889

COAL OPERATOR _____
Address _____

Acreage 8,663
SURFACE OWNER Westvaco
Address 203 Randolph Avenue
Elkins, WV 26241
Acreage 330

COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Harry McMullan, Jr. Estate
Harry McMullan, III, Agent
Address P. O. Box 8
Washington, NC 27889

FIELD SALE (IF MADE) TO:
Name _____
Address _____

Name _____
Address _____

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

COAL LESSEE WITH DECLARATION ON RECORD:
Name AMAX COAL CO., 105 S. Meridean St.
Indianapolis, Ind. 4622
Address _____
(and) International Coal
c/o Walter W. Burton, Agent
1426 Main Street
Princeton, WV 24740

UDI LEASE #765

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 April 1, 1975, to the undersigned well operator from Harry McMullan, Jr. Estate
[If said deed, lease, or other contract has been recorded:]

Recorded on August 29, 1975, in the office of the Clerk of the County Commission of Randolph County, West Virginia, in O/G Book 295 at page 143. A permit is requested as follows:

PROPOSED WORK: Drill x / Drill deeper ___ / Redrill ___ / Fracture or stimulate xxx
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.

RECEIVED

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

DEC 31 1979

OIL & GAS DIVISION
DEPT. OF MINES

UNION DRILLING, INC. 03/29/2024
Well Operator

By Joseph Pettey
Its Joseph Pettey, Production Manager

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, Elk

Estimated depth of completed well, 5000 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"		23#	x		1000'	1000'	to surface	
Production	4 1/2"		10 1/2#	x		5000'	5000'	400 sks.	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 9-11-80.

Robert H. [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:

W A I V E R

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

03/29/2024

[Faint stamp]

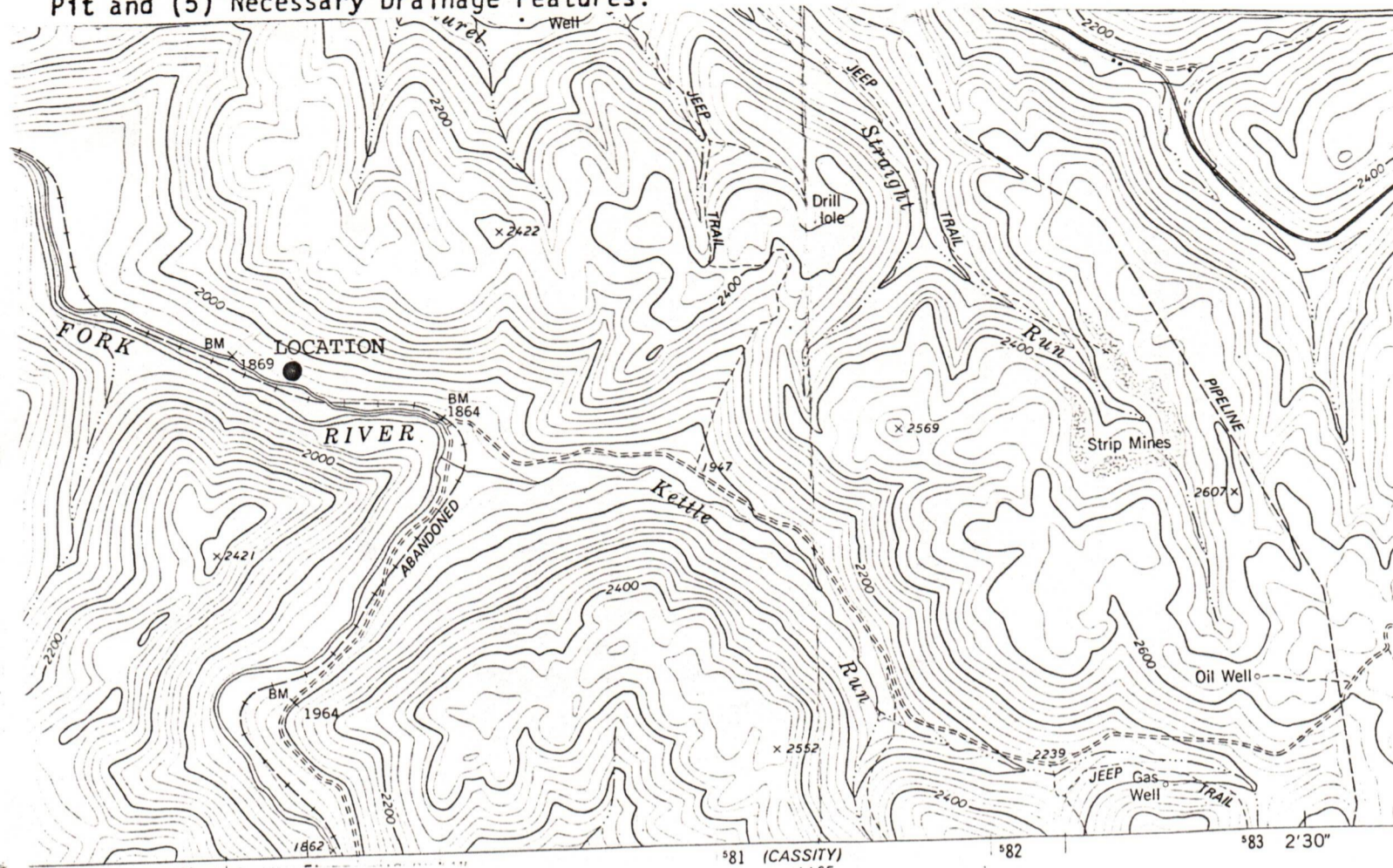
RECLAMATION PLAN

WELL NO. #1-1553-U

QUADRANGLE Ellamore 7.5'

SCALE 1" = 2000'

Locate and show (1) Well Location (2) Access Road (3) Well Site (4) Drilling Pit and (5) Necessary Drainage Features.



COMPANY NAME Union Drilling, Inc.

PERMIT NO.

FARM Harry McMullan Jr. Est.

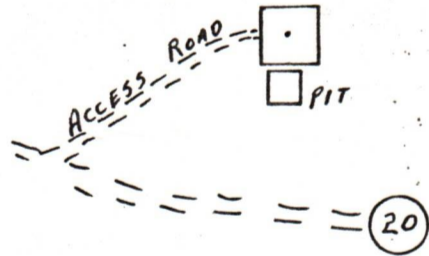
DISTRICT Roaring Creek

COUNTY Randolph

STATEMENT OF RECLAMATION PLAN:

Not to scale; drawing of all roads, locations, ditches, drains, pits, silt traps, etc.

Location will be ditched to disperse water without causing erosion. Road will be culverted to prevent erosion, and provide proper drainage where needed. After well is completed, surface will be restored to its original contour or as near as possible to its original contour. Area will then be mulched down and seeded.



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DEC 31 1979

OIL & GAS DIVISION DEPT. OF MINES

This plan was observed and agreed upon between the well operator, contractor and the district oil and gas inspector.

Robert S. Stewart

Please indicate () "YES" if the district inspector was present.

"I have read and understand the reclamation requirements as set forth in Chapter 22, Article 4, Section 12-b and will carry out the specified requirements."

Submitted By: Joseph Petty

Title Production Manager

Date 12/28/79

03/29/2024

AMAX **COAL COMPANY**
A DIVISION OF AMAX INC.

105 SOUTH MERIDIAN STREET, INDIANAPOLIS, INDIANA 46225 • (317) 266-2626

January 4, 1980

RECEIVED
JAN 10 1980

Department of Mines
Oil and Gas Division
1615 Washington Street, East
Charleston, West Virginia 25311

OIL & GAS DIVISION
DEPT. OF MINES

Re: Permit Application - Union Drilling, Inc.
Operators Well 1-1553-U
Roaring Creek District
Randolph County, West Virginia

Dear Sirs:

The AMAX Coal Company has received notification that a permit has been issued to drill the above-mentioned well. The AMAX Coal Company will offer no objection to the drilling of this proposed well provided the applicant intends to drill the proposed well subject to the following conditions:

1. All drilling and casing of the well shall be done in compliance with the laws and regulations of the State of West Virginia for wells drilled through workable coal beds.
2. All workable coal seams regardless of depth shall be plugged in accordance with the rules and regulations of the State of West Virginia, specifically as outlined in Article 4, Chapter 22 of the West Virginia Code.
3. AMAX will be given at least 72 hours notice prior to plugging a dry hole or setting production string in a productive well. Please contact Mr. David Darko (317/266-2633) or Mr. James Faber (317/266-2797).
4. A complete drillers' log of the well from surface to total depth shall be sent to AMAX upon completion of the hole and a copy of such log shall be made available to any AMAX representative upon his arrival at the well site.

03/29/2024

Department of Mines
Page Two
January 4, 1980

5. Union Drilling, Inc., will provide AMAX with a density and natural gamma log covering the interval from total depth to surface. In addition, one copy of any other geophysical log shall be sent to AMAX. However, AMAX Coal Company retains the option to run their own logs or have this service contracted out. Please contact Mr. David Darko (317/266-2633) for questions on this procedure.

6. Copies of the completion report and plugging affidavit if applicable, shall be sent to AMAX Coal Company, Attention: James W. Faber.

Sincerely,



Robert J. Reynolds,
Senior Geologist

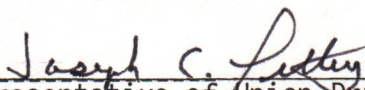
for James W. Faber, Manager
Development Geology

RJR/mdt

Enclosures

cc: Union Drilling, Inc.
C. W. Porterfield
David Darko

The above stipulations are agreed to as a condition for obtaining a drilling permit



Representative of Union Drilling, Inc.

1-9-80
(Date)

03/29/2024

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

Producing formation Elk Pay zone depth 4524
 Gas: Initial Open flow show Oil: None
 Final Open flow 500 Mcf/d
 Static rock pressure, 1400 psig in 48 hours shut in.

On February 15, 1980 Halliburton Water Fractured
 Benson 370 bbls. 45,000 # sand
 L. Alexander 370 bbls. 45,000 # sand
 Elk 620 bbls. 90,000 # sand
 Lower Elk 370 bbls. 45,000 # sand

WELL LOG

FORMATION	Color	Hard or Soft	41		REMARKS Including indication of all fresh and salt water, coal, oil and gas
			Top Feet	Bottom Feet	
Shale			0	5	
Sand			5	55	
Shale			55	109	
Sand			109	160	
Sand and Shale			160	740	
Lime			740	860	
Shale			860	875	
Injun			875	900	
Shale			900	1016	
Gantz			1016	1066	
Shale			1066	1338	
4th Sand			1338	1366	
Shale			1366	1400	
Sand and Shale			1400	1490	
5th Sand			1490	1540	
Sand and Shale			1540	1550	
Bayard			1550	1562	
Sand and Shale			1562	1572	
Lower Bayard			1572	1630	
Sand and Shale			1630	1708	
Elizabeth			1708	1720	
Shale			1720	1840	
Warren			1840	1848	
Shale			1848	3016	
1st Riley			3016	3030	
Sand and Shale			3030	3130	
3rd Riley			3130	3140	
Sand and Shale			3140	3236	
Benson			3236	3410	
Salt Shale			3410	3590	Shale 4020 4420
Alexander			3590	3670	Elk 4420 4518
Shale			3670	3956	Shale 4518 4710 TD
Lower Alexander			3956	4020	

(Attach separate sheets to complete as necessary)

UNION DRILLING, INC.

Well Operator

By Joseph C. Pettey
 Its Joseph C. Pettey, Production Manager

03/29/2024

NOTE: Regulation 2.02(d) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geological record of all formations, including coal, encountered in the drilling of a well."

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

WELL OPERATOR'S REPORT 41
 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: 1914' Watershed: Middle Fork River
 District: Roaring Creek County: Randolph Quadrangle: Ellamore

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

PERMITTED WORK: Drill X / Convert ___ / Drill deeper ___ / Redrill ___ / Fracture or stimulate X
 Plug off old formation ___ / Perforate new formation ___ /
 Other physical change in well (specify) _____

PERMIT ISSUED ON December 31, 1979, OIL & GAS INSPECTOR FOR THIS WORK:
 (IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED) Name Robert S. Stewart
 Address P. O. Box 345
Jane Lew, WV 26378

GEOLOGICAL TARGET FORMATION: Elk Depth 5,000 feet
 Depth of completed well, 4,710 feet Rotary X / Cable Tools ___
 Water strata depth: Fresh, 110 feet; salt, ___ feet.
 Coal seam depths: none Is coal being mined in the area? no
 Work was commenced January 30, 1980, and completed February 6, 1980

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					13'	13'	Kinds
Fresh water								
Coal								Sizes
Intermediate	8-5/8	20#	x			503.05'	503.05'	185 sacks
Production	4-1/2	10 1/2#	x			4673.85'	4673.85'	686 sacks
Tubing								
Liners								Perforations:
								Top Bottom
								3247-51/4009-13
								4435-41/4517-24

OPEN FLOW DATA

Producing formation Benson Pay zone depth 3251 feet
 Gas: Initial open flow, show Mcf/d Oil: Initial open flow, - Bbl/d
 Final open flow, 500 Mcf/d Final open flow, - Bbl/d
 Time of open flow between initial and final tests, 2 hours
 Static rock pressure, 1400 psig (surface measurement) after 48 hours shut in
 [If applicable due to multiple completion--]
 Second producing formation L. Alexander Pay zone depth 4013 feet
 Gas: Initial open flow, show Mcf/d Oil: Initial open flow, - Bbl/d
 Final open flow, 500 Mcf/d Final open flow, - Bbl/d
 Time of open flow between initial and final tests, - hours
 Static rock pressure, 1400 psig (surface measurement) after 48 hours shut in

03/29/2024

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

INSPECTOR'S WELL REPORT
ON
P L U G G I N G

Date: _____, 19__

Operator's Well No. _____

API Well No. 47 - _____ - Permit
State County

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

LOCATION: Elevation: _____ Watershed: _____
District: _____ County: _____ Quadrangle: _____

WELL OPERATOR _____
Address _____

DESIGNATED AGENT _____
Address _____

PLUGGING CONTRACTOR _____
Address _____

SERVICE COMPANIES (NAMES ONLY)

PERMITTED WORK: Plug and abandon ___ / Clean out and replug ___ /

PLUGGING MATERIALS

Type of Cement	Other Materials	Depth	Thickness

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

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL

DATE OF INSPECTOR'S LATEST VISIT TO WELL

INSPECTOR'S AND OTHER REMARKS:

03/29/2024

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

District Oil and Gas Inspector

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

Date: 1-30, 1980

Operator's Well No. 1-1553-U

API Well No. 47-083-0300
State County Permit

INSPECTOR'S WELL REPORT
ON

PERMITTED WORK EXCEPT PLUGGING AND ABANDONMENT

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

LOCATION: Elevation: 1914 Watershed: _____
District: Roaring Creek County: RAVDOLPH Quadrangle: _____

WELL OPERATOR UNION DRILLING DESIGNATED AGENT _____
Address BUCK HANNON Address _____

DRILLING CONTRACTOR UNION DRILLING SERVICE COMPANIES _____
Address RIG 7 _____

WELL DATA:

Drilling commenced 1-30, 1980; completed _____, 19____
Total Depth _____ feet
Fracturing ___ / Stimulation ___ / on _____, 19____ at a depth of _____ feet
Open Flow: Initial, ___/10ths Water in ___ inches; after tubing, ___/10ths Merc. in ___ inches
Other work commenced _____, 19____; completed _____, 19____
Gas Volume _____ Mcf Oil Volume _____ Bbl.
Rock Pressure _____ psig after _____ hrs.
Fresh water encountered (depths) _____
Salt water encountered (depths) _____
Coal seams encountered (depths) _____

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FEB - 1 1980

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								Kinds
Fresh water								
Coal								Sizes
Intermediate								
Production								Depths set
Tubing								
Liners								Perforations:
								Top Bottom

OIL & GAS DIVISION
DEPT. OF MINES

DATES OF INSPECTOR'S PREVIOUS VISITS TO WELL

DATE OF INSPECTOR'S LATEST VISIT TO WELL 1-30-80

INSPECTOR'S AND OTHER REMARKS:

move Rig SPUD

03/29/2024

NOTE: This form is used for both a daily inspection record and the inspector's final report after the completion of the permitted work.

Robert Stewart 511
District Oil and Gas Inspector

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

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OCT - 6 1980

INSPECTOR'S WELL REPORT

Permit No. 083-0300

OIL & GAS DIVISION
DEPT. OF MINES

Company	CASING AND TUBING	USED IN DRILLING	Left in Well	PACKERS
<u>UNION DRILLING INC</u>				
<u>BUCKHANNON</u>	Size			
<u>HARRY McMILLAN</u>	16			Kind of Packer
<u>1-1553-U</u>	13			
<u>REARWING CREEK</u> County <u>RANDOLPH</u>	10			Size of
<u>1-30-80</u>	8 1/4			
	6 1/4			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: O.K. To Release

10-2-80

08/29/2024
Robert Stewart 511

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

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 OCT 16 1988

INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. 0020-200
 COMPANY DEPT. OF MINES ADDRESS _____
 PARCELS _____ DISTRICT _____ COUNTY _____
 Filling Material Used _____

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

Pluggers' Names _____
 Remarks _____

I hereby certify I visited the above well on this date.
 DATE 03/29/2024
Robert Stewart
10-5-80



State of West Virginia

Department of Mines
Oil and Gas Division

Charleston 25305

January 23, 1981

WALTER N. MILLER
DIRECTOR

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

Dear Sir:

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:

RAN-297 - Harry McMullan # 3-1545-U - Roaring Creek District

RAN-298 - Harry McMullan # 4-1546-U - Roaring Creek District

✓ RAN-300 - Harry McMullan # 1-1553-U - Roaring Creek District

UPS-2052 - Woody Lbr. Co. # 1-1558-UC - Meade District

UPS-2055 - D. M. Ervin # 1-1559-UC - Meade District

UPS-2066 - B.T. Scott # 2-1560-UC - Meade District

UPS-2068 - O. Carpenter # 2-1571-UC - Meade District

UPS-2071 - F. Dinser # 3-1483-UC - Meade District

In accordance with Chapter 22, Article 4, Section 2, the bond coverage for above captioned wells will stay in force for life of well. Reclamation requirements have been approved..... ..

Very truly yours,

Fred Burdette

FB/chm

03/29/2024

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MAY 13 1980

<p>1.0 API well number: (If not available, leave blank. 14 digits.)</p>	<p>47-083-0300</p>												
<p>2.0 Type of determination being sought: (Use the codes found on the front of this form.)</p>	<p>103 Section of NGPA</p> <p>N/A Category Code</p>												
<p>3.0 Depth of the deepest completion location: (Only needed if sections 103 or 107 in 2.0 above.)</p>	<p>4524 feet</p>												
<p>4.0 Name, address and code number of applicant: (35 letters per line maximum. If code number not available, leave blank.)</p>	<p>UNION DRILLING, INC. 019434 Name Seller Code</p> <p>P. O. Drawer 40 Street</p> <p>Buckhannon WV 26201 City State Zip Code</p>												
<p>5.0 Location of this well: [Complete (a) or (b).] (a) For onshore wells {35 letters maximum for field name.}</p>	<p>Roaring Creek District Field Name</p> <p>Randolph WV County State</p>												
<p>(b) For OCS wells:</p>	<p>Area Name Block Number</p> <p>Date of Lease: Mo. Day Yr. OCS Lease Number</p>												
<p>(c) Name and identification number of this well: (35 letters and digits maximum.)</p>	<p>Harry McMullan, Jr., Est. #1 1553</p>												
<p>(d) If code 4 or 5 in 2.0 above, name of the reservoir: (35 letters maximum.)</p>	<p>_____</p>												
<p>6.0 (a) Name and code number of the purchaser: (35 letters and digits maximum. If code number not available, leave blank.)</p>	<p>Columbia Gas Transmission Corporation 004030 Name Buyer Code</p>												
<p>(b) Date of the contract:</p>	<p>Mo. Day Yr.</p>												
<p>(c) Estimated annual production:</p>	<p>Not in production yet MMcf.</p>												
<p>7.0 Contract price: (As of filing date. Complete to 3 decimal places.)</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">(a) Base Price (\$/MMBTU)</th> <th style="width:25%;">(b) Tax</th> <th style="width:25%;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width:25%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">2.221</td> <td style="text-align: center;">---</td> <td style="text-align: center;">---</td> <td style="text-align: center;">2.221</td> </tr> <tr> <td style="text-align: center;">2.221</td> <td style="text-align: center;">---</td> <td style="text-align: center;">---</td> <td style="text-align: center;">2.221</td> </tr> </tbody> </table>	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	2.221	---	---	2.221	2.221	---	---	2.221
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2.221	---	---	2.221										
2.221	---	---	2.221										
<p>8.0 Maximum lawful rate: (As of filing date. Complete to 3 decimal places.)</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:25%;">(a) Base Price (\$/MMBTU)</th> <th style="width:25%;">(b) Tax</th> <th style="width:25%;">(c) All Other Prices [Indicate (+) or (-).]</th> <th style="width:25%;">(d) Total of (a), (b) and (c)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">2.221</td> <td style="text-align: center;">---</td> <td style="text-align: center;">---</td> <td style="text-align: center;">2.221</td> </tr> </tbody> </table>	(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)	2.221	---	---	2.221				
(a) Base Price (\$/MMBTU)	(b) Tax	(c) All Other Prices [Indicate (+) or (-).]	(d) Total of (a), (b) and (c)										
2.221	---	---	2.221										
<p>9.0 Person responsible for this application:</p>	<p>Joseph Pettey Production Manager Name Title</p> <p><i>Joseph Pettey</i> Signature</p> <p>MAY 8 1980 (304) 472-4610 Date Application is Completed Phone Number</p>												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Agency Use Only</td> </tr> <tr> <td style="text-align: center;">Date Received by Juris. Agency MAY 13 1980</td> </tr> <tr> <td style="text-align: center;">Date Received by FERC</td> </tr> </table>	Agency Use Only	Date Received by Juris. Agency MAY 13 1980	Date Received by FERC										
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Date Received by FERC													

FT7900806/2-2

03/29/2024

NOV 19 1980

WV-1000-10000 C

WELL IDENTIFIERS:

DATE:

WELL OPERATOR: Union Drilling

019434

FIRST PURCHASER: Columbia Gas Trans. Corp.

004034

OTHER:

Computer OK.
OK map

Qualifies J. Angrey

W.Va. Department of Mines, Oil & Gas Division
WELL DETERMINATION FILE NUMBER

800513 · 103 · 083 · 0300

Use Above File Number on all Communications

Relating To Determination of this Well

CHECK EACH ITEM AS COMPLETE OR NOTE WHAT IS MISSING

ITEM NO.

1. FERC-121 Items not completed - Line No. _____

2. IV-1 Agent H.R. Ranson

3. IV-2 Well Permit

4. IV-6 Well Plat

5. IV-35 Well Record Drilling Deepening _____

6. IV-36 Gas-Oil Tests: Gas Only _____ Was Oil Produced? _____ Ratio _____

7. IV-39 Annual Production No Prod years

8. IV-40 90 day Production _____ Days off line: _____

9. IV-48 Application for certification. Complete?

10. IV Form (31 - 32 - 33 - 34 - 35 - 36 - 37 - 38) Complete?

11. Other: Survey _____ Maps _____ Geological Charts _____

Structure Map _____ 1:2500 Map _____ Well Correlations _____
Gas Analyses _____

(1) Date commenced: 1/30/80 Date completed 2/6/80 Deepened _____

(2) Production Depth: 3251; 4013

(3) Production Formations: Benson; L. Alexander

(4) Final Open Flow: 500 mcf/d

(5) After Free. P.P. 1400 #

(6) Other Gas Tests: _____

(7) Avg. Daily Gas from Annual Production: No Prod

(8) Avg. Daily Gas from 90-day ending w/1 - 100 days: " "

(9) Line Pressure: None 03/29/2024

(10) Oil Production: No From Completion Report _____

11-17 Does lease inventory indicate enhanced recovery being done No

11-17 Is affidavit signed? Not signed? _____

Does official well record with the Department confirm the submitted information? Yes

Additional Information: _____ Does computer program confirm? PL

Date MAY 8 1980 . 19

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

Operator's Well No. 1-1553-U

API Well No. 47 - 083 - 0300
State County Permit

WELL CLASSIFICATION FORM
NEW ONSHORE PRODUCTION WELL

NGPA Section 103

DESIGNATED AGENT UNION DRILLING, INC.
ADDRESS P.O. DRAWER 40
BUCKHANNON, W.Va. 26201

WELL OPERATOR UNION DRILLING, INC.
ADDRESS P.O. DRAWER 40
BUCKHANNON, W.Va. 26201

LOCATION: Elevation 1914'
Watershed Middle Fork River
Dist. Roaring Creek County Randolph Quad ELLamore

GAS PURCHASER COLUMBIA GAS TRANS. CORP.
ADDRESS ATTN Bili Gallager
P.O. Box 498
Washington, Pa. 15301

Gas Purchase Contract No. _____
Meter Chart Code _____
Date of Contract _____

* * * * *
Date surface drilling was begun: 01/30/80

Indicate the bottom hole pressure of the well and explain how this was calculated:

$$\begin{array}{r} 4,710' \text{ - well depth} \\ \times .35 \text{ - } \times .35 \\ \hline 1,648 \text{ Bottom hole pressure} \end{array}$$

AFFIDAVIT

I, Joseph C. Pettey, having been first sworn according to law state that surface drilling of the well for which this determination is sought was begun on or after February 19, 1977; the well satisfies applicable state or federal well spacing requirements and the well is not within a proration unit, in existence at the time surface drilling began, which was applicable to the reservoir from which gas is or will be produced and which applied to any other well producing gas in commercial quantities or on which surface drilling began on or after February 19, 1977, and which was capable of producing gas in commercial quantities. I state, further, that I have concluded, to the best of my information, knowledge and belief, that the well for which this determination is sought is a new onshore production well and that I am not aware of any information not described in the application which is inconsistent with this conclusion.

Joseph C. Pettey

STATE OF WEST VIRGINIA,

COUNTY OF Upshur . TO WIT:

I, R. Dennis Xander, a Notary Public in and for the state and county aforesaid, do certify that Joseph C. Pettey, whose name is signed to the writing above, bearing date the 8th day of MAY, 19 80, has acknowledged the same before me, in my county aforesaid. Given under my hand and official seal this 8th day of MAY, 19 80. My term of office expires on the 2nd day of February, 19 86.

[NOTARIAL SEAL]

R. Dennis Xander
Notary Public

03/29/2024