

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, E1k

Estimated depth of completed well, 5500 feet Rotary x / Cable tools /

Approximate water strata depths: Fresh, 1862 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		800'	800'	to surface	
Production	4 1/2"		10 1/2#	x		5500'	5500'	400 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,
ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY
APPROVED FOR Drilling. THIS PERMIT SHALL EXPIRE
IF OPERATIONS HAVE NOT COMMENCED BY 2-22-83:
BY [Signature]

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 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

file

10/20/2023



Date 11-11 19 81
 Well No. 1775 #258
 API No. 47 State Randolph County Permit 0683
 (083)

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 Wesva 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. 11-16-81 (Date) [Signature] (SCD Agent)

Access Road	Location
Structure _____ (A)	Structure <u>Diversion</u> (1)
Spacing _____	Material <u>Earthen</u>
Page Ref. Manual _____	Page Ref. Manual _____
Structure <u>Cross Drains</u> (B)	Structure _____ (2)
Spacing <u>250 ±</u>	Material _____
Page Ref. Manual _____	Page Ref. Manual _____
Structure <u>Roadway ditch</u> (C)	Structure <u>RECEIVED</u> (3)
Spacing _____	Material <u>JUN - 7 1982</u>
Page Ref. Manual _____	Page Ref. Manual <u>OIL AND GAS DIVISION WV DEPARTMENT OF MINES</u>

All structures should be inspected regularly and repaired if necessary.

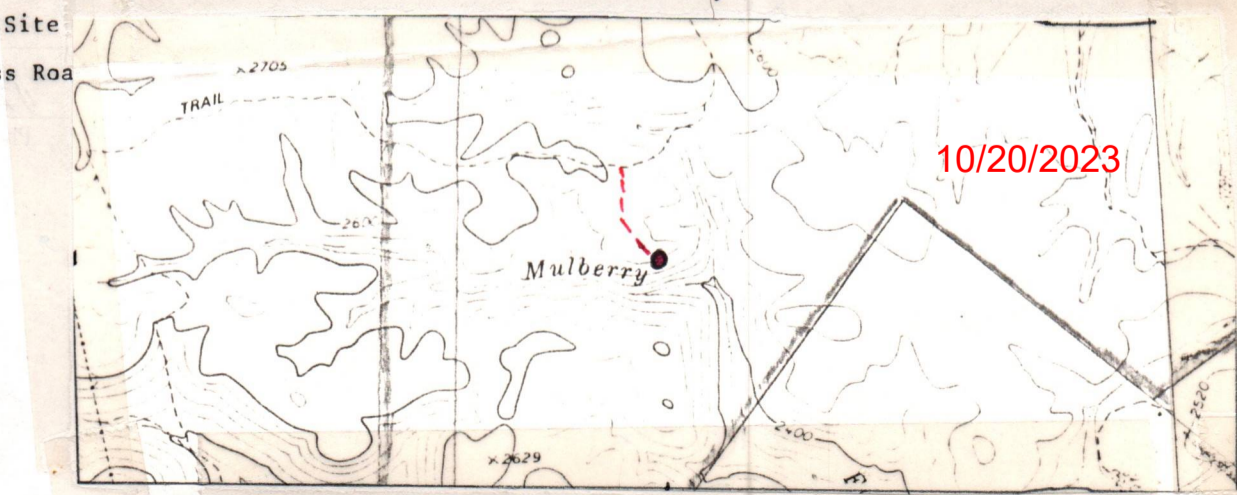
Revegetation

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

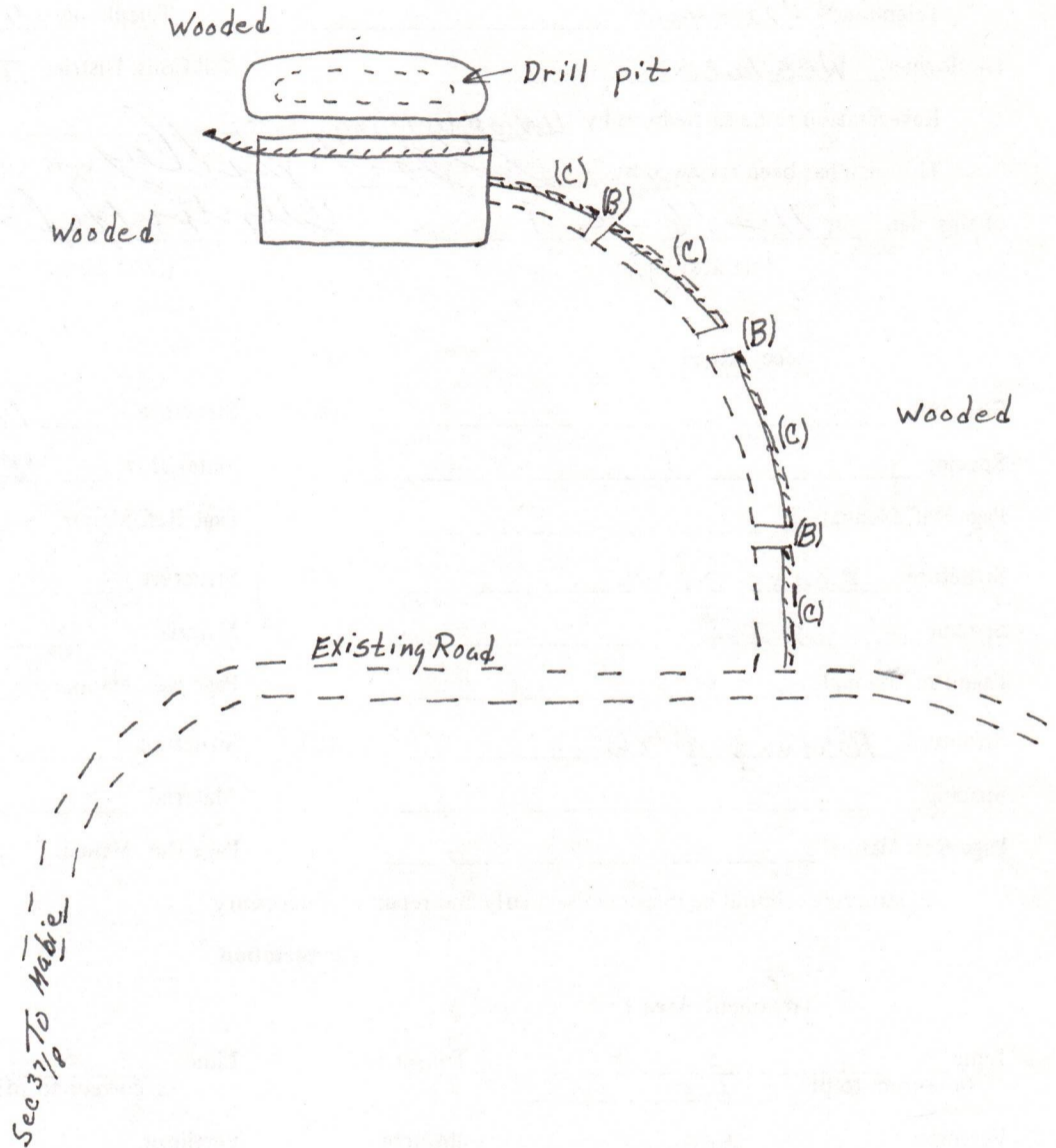
Legend: ⊕ Well Site
 — Access Road



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.

Roadway grade $\pm 6\%$

Signature: Danny O'Morgan P.O. Drawer 40, Buckhannon W.Va. 472-4610
 Agent Address Phone Number

10/20/2023

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



1) Date: August 17, 1984
 2) Operator's Well No. 25B - 1775
 3) API Well No. 47 State 083 County 0683 Permit -REN

APPLICATION TO RENEW

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES, OIL AND GAS DIVISION
 APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A Oil _____ / Gas XX /
 B (If "Gas", Production XX / Underground storage _____ / Deep _____ / Shallow XX /)
- 5) LOCATION: Elevation: 2562' Watershed: Mulberry Fork MTM16B
 District: Roaring Creek County: Randolph Quadrangle: Cassity
- 6) WELL OPERATOR Union Drilling, Inc. 7) DESIGNATED AGENT Joseph C. Vanzant, Jr.
 Address P. O. Drawer 40 Address P. O. Drawer 40
Buckhannon, WV 26201 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:
 Name Phillip Tracy Name Union Drilling, Inc.
 Address Forest Festival Terrace #24 Address P. O. Drawer 40
Elkins, WV 26241 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill XX / Drill deeper _____ / Redrill _____ / Stimulate XX
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Elk
 12) Estimated depth of completed well, 5500' feet
 13) Approximate trata depths: Fresh, ? feet; salt, ? feet.
 14) Approximate coal seam depths: ? Is coal being mined in the area? Yes _____

RECEIVED
 AUG 24 1984
 OIL & GAS DIVISION
 No. XX
 DEPT. OF MINES

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			X		20'	20'	Kinds
Fresh water								
Coal								Sizes
Intermediate	8 5/8		23#	X		850'	850'	to surface <i>by rule 15.05</i>
Production	4 1/2		10.5#	X		5500'	5500'	450 sks. or <i>by rule 15.01</i>
Tubing								as required
Liners								Perforations: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-083-0683-REN Date October 1, 1984

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 October 1, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: <u>LS</u>	Plat: <u>MU</u>	Casing: <u>MU</u>	Fee: <u>021-396</u>
----------------------	------------------	-----------------	-------------------	---------------------

Margaret J. Hasse
 Administrator, Office of Oil and Gas

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



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OIL AND GAS DIVISION
OFFICE USE ONLY

PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK

RECEIVED
AUG 24 1984
OIL & GAS DIVISION
DEPT. OF MINES

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		
Well work started	October 1, 1984	
Completion of the drilling process		
Well Record received		
Reclamation completed		October 1, 1984

OTHER INSPECTIONS

Reason: _____

Reason: _____

1) Date: August 17, 19 84
2) Operator's
Well No. 25B -1775
3) API Well No. 47 - 083 - 0683 -
State County Permit
Red

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 Westvaco Corporation
Address 203 Randolph Avenue
Elkins, WV 26241
(ii) Name _____
Address _____
(iii) Name _____
Address _____

5(i) COAL OPERATOR _____
Address _____
5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Harry McMullan, III, Agent
Address P. O. Box 8
Washington, NC 27889
Name _____
Address _____
5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name AMAX Coal Company
Address P. O. Box 967
Indianapolis, Indiana 46206

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

- (1) The Application for a Well Work Permit on Form IV-2(B) (or Form IV-4 if the well is to be plugged, which sets out the parties involved in the drilling or other work, and describes the well and its location and, if applicable, the proposed casing and cementing program;
- (2) The plat (surveyor's map) showing the well location on Form IV-6; and
- (3) The Construction and Reclamation Plan on Form IV-9 (unless the well work is only to plug a well), which sets out the plan for erosion and sediment control and for reclamation for the site and access road.

THE REASON YOU RECEIVED THESE DOCUMENTS IS THAT YOU HAVE RIGHTS REGARDING THE APPLICATION WHICH ARE SUMMARIZED IN THE "INSTRUCTIONS" ON THE REVERSE SIDE OF THE COPY OF THE APPLICATION (FORM IV-2(B) OR FORM 4, DESIGNATED FOR YOU. HOWEVER, YOU ARE NOT REQUIRED TO TAKE ANY ACTION AT ALL.

Take notice that under Chapter 22 of the West Virginia Code, the undersigned well operator proposes to file or has filed this Notice and Application and accompanying documents for a Well Work Permit with the Administrator of the Office of Oil and Gas, West Virginia Department of Mines, with respect to a well at the location described on attached Application and depicted on attached Form IV-6. Copies of this Notice, the Application, the plat, and the Construction and Reclamation Plan have been mailed by registered or certified mail or delivered by hand to the person(s) named above (or by publication in certain circumstances) on or before the day of mailing or delivery to the Administrator.

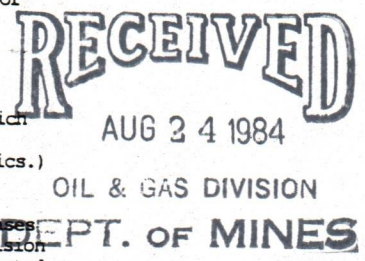
6) EXTRACTION RIGHTS
Check and provide one of the following:
 Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.
 The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)
7) ROYALTY PROVISIONS
Is the right to extract, produce or market the oil or gas based upon a lease or leases, or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No XXX

If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.

See the reverse side for line item instructions, and for instructions concerning the required copies of the Notice and Application, plat, and Construction and Reclamation Plan.

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by
Joseph C. Petty
this 17 day of August, 1984.
My commission expires 8/20, 1991.
George B. Ryland
Notary Public, Upshur County,
State of West Virginia

WELL
OPERATOR Union Drilling, Inc.
By Joseph C. Petty
Its Vice-President of Production
Address P. O. Drawer 40
Buckhannon, WV 26201
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 § 22-4-1b(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>
Neva S. McMullan et al.	Union Drilling, Inc.	15%	335/510

10/20/2023

P 471 412 243
 RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

Sent to Harry McMullan, Agent	
Street and No. Post Office Box 8	
P.O., State and ZIP Code Washington, NC 27889	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom and Date Delivered	
Date and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	1984 MN7561776

P 471 412 236
 RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

Sent to Amex Coal Company	
Street and No. 105 S. Meridan Street	
P.O., State and ZIP Code Indianapolis, IN 46225	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom and Date Delivered	
Date and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	1984 MN

P 471 412 242
 RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
 NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, Feb. 1982

Sent to Westvaco Corporation	
Street and No. 203 Randolph Avenue	
P.O., State and ZIP Code Elkins, WV 26241	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom and Date Delivered	
Date and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	1984 MN

IV-35
(Rev 8-81)

RECEIVED
OCT 24 1984



OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date October 22, 1984
Operator's
Well No. 25B - 1775
Farm Harry McMullan #25B
API No. 47 - 083 - 0683

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: 2562' Watershed Mulberry Fork
District: Roaring Creek County Randolph Quadrangle Cassity

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 Westvaco Corporation
ADDRESS 203 Randolph Ave., Elkins, WV 26241
MINERAL RIGHTS OWNER Harry McMullan
ADDRESS P.O. Box 8, Washington, NC 27889
OIL AND GAS INSPECTOR FOR THIS WORK _____
Phil Tracy ADDRESS Forest Fest., Apts, Elkins,
PERMIT ISSUED 10/1/84 WV 26241
DRILLING COMMENCED 10/3/84
DRILLING COMPLETED 10/9/84

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cord.			
13-10"			
9 5/8			
8 5/8	905.00'	905.00'	496 cf
7			
5 1/2			
4 1/2		5224.95'	1145 cf
3			
2			
Liners used			

IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON _____

GEOLOGICAL TARGET FORMATION Elk Depth 5500' feet
Depth of completed well 5408' feet Rotary xx / Cable Tools _____
Water strata depth: Fresh 273' feet; Salt none feet
Coal seam depths: 30/34 Is coal being mined in the area? no

OPEN FLOW DATA
Producing formation Benson, 1, 2, & 3rd Elk Pay zone depth 5100' feet
Gas: Initial open flow show Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 198 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 2 hours
Static rock pressure 575# psig (surface measurement) after 24 hours shut in
(If applicable due to multiple completion--)
Second producing formation _____ Pay zone depth 10/20/2023 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)

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

BJ Hughes - 2 stage Foam Frac - 10/19/84

3746/50 - Benson - 75,000# sand, 248 BBls water and 530,000 scf nitrogen
3786

4886 - 4892 - 1 st Elk - 75,000# sand, 545 BbIs water and 810,000 scf nitrogen

4952 - 2nd Elk

5088 - 5092 - 5100 - 3rd Elk

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	30	
Coal			30	34	
Sand & Shale			34	1324	1 1/2" stream water @273'
Big Lime			1324	1459	
Injun			1459	1565	
4th Sand			1972	2050	
5th Sand			2055	2120	
Bayard			2166	2208	
Lower Bayard			2214	2266	
Balltown			2978	2994	
Riley			3558	3562	
Benson			3734	3799	
1st Elk			4862	4903	
2nd Elk			4931	4988	
3rd Elk			5082	5110	
				5408'	T.D gas show

(Attach separate sheets as necessary)

UNION DRILLING, INC.

Well Operator

By: Joseph C. Pettey 10/20/2023

Date: Joseph C Pettey, Vice President of Production

10/22/84

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 coal, encountered in the drilling of a well."



RECEIVED

JUN 18 1985

OIL & GAS DIVISION
DEPT. OF MINES

SEEDED (W)

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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
November 13, 1984

COMPANY Union Drilling, Inc.

PERMIT NO 083-0683 -REN(10-01-84

P. O. Drawer 40

FARM & WELL NO Harry McMullan
#25B-1775

Buckhannon, West Virginia 26201

DIST. & COUNTY Roaring Creek/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 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:

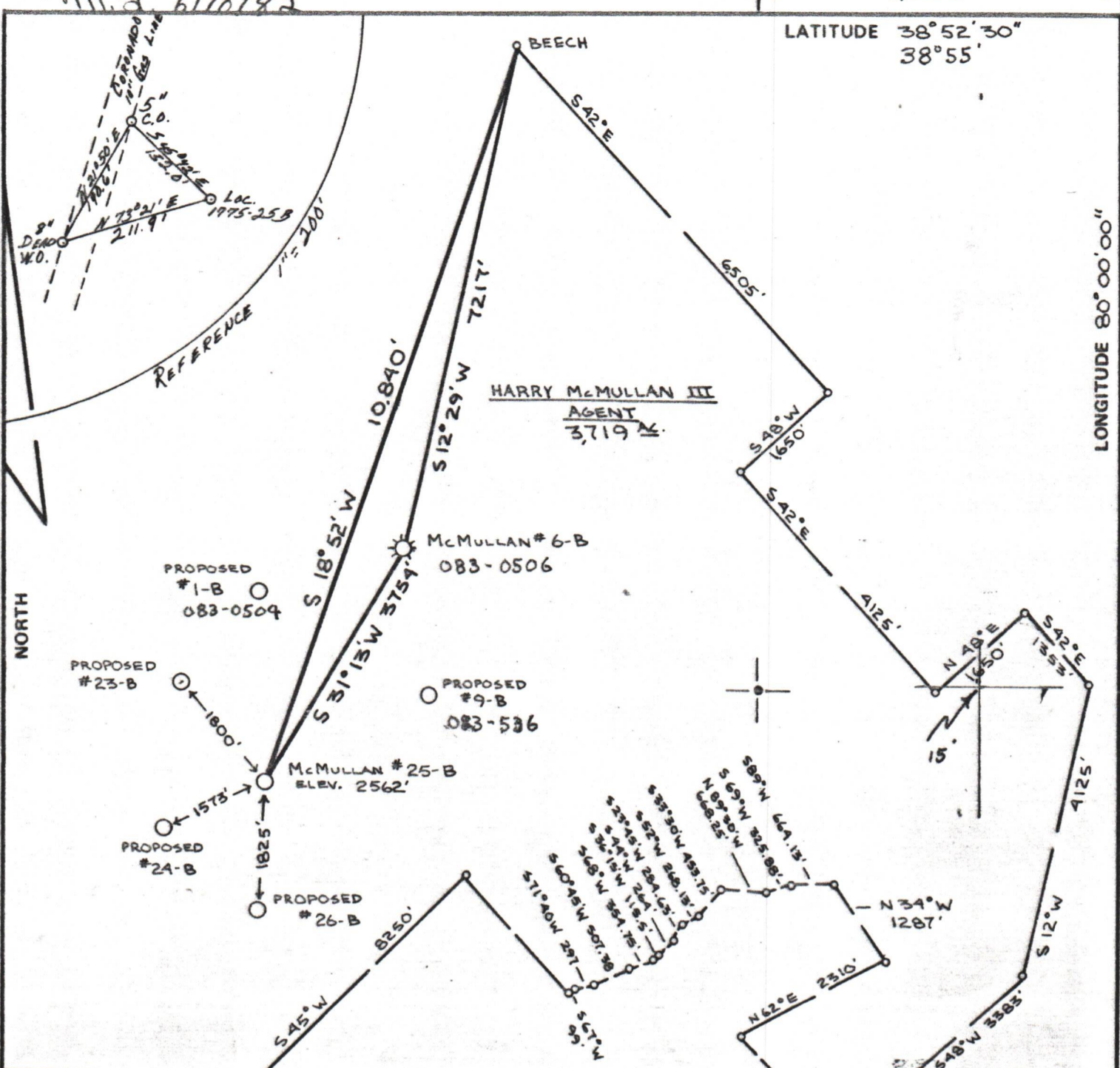
SIGNED Phillip Tracy

DATE 6-14-85

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

June 25, 1985
DATE

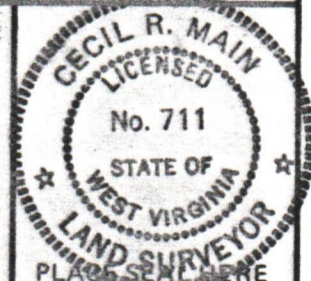


LATITUDE 38° 52' 30"
38° 55'

LONGITUDE 80° 00' 00"

FILE NO. _____
DRAWING NO. _____
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY 1 PART IN 200
PROVEN SOURCE OF ELEVATION UNION DRILLING
McMULLAN #6-B ELEV. 2541'

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) Cecil R. Main
R.P.E. _____ L.L.S. 711



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



DATE NOVEMBER 17, 19 81
OPERATOR'S WELL NO. McMULLAN #25-B
API WELL NO. 1775
47 - 083 - 0683 len
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 2562' WATERSHED MULBERRY FORK
DISTRICT ROARING CREEK COUNTY RANDOLPH
QUADRANGLE CASSITY T.5'

SURFACE OWNER WESTVACO - HARRY McMULLAN III, AGENT ACREAGE 3719 AC.
OIL & GAS ROYALTY OWNER HARRY McMULLAN III, AGENT LEASE ACREAGE 3719 AC.
LEASE NO. _____

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) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
TARGET FORMATION ELK ESTIMATED DEPTH 5500'
WELL OPERATOR UNION DRILLING, INC. DESIGNATED AGENT JOSEPH C. VANZANT, JR.
ADDRESS P.O. DRAWER 40 ADDRESS P.O. DRAWER 40
BUCKHANNON, WEST VIRGINIA 26201 BUCKHANNON, WEST VIRGINIA 26201