



1) Date: June 3, 19 83  
 2) Operator's Well No. 34A - 1895  
 3) API Well No. 47 083 0791  
 State County Permit

DRILLING CONTRACTOR:

Union Drilling, Inc.  
P. O. Drawer 40  
Buckhannon, WV 26201

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

Harry McMullan #34A (1895)

OIL AND GAS WELL PERMIT APPLICATION

- 4) WELL TYPE: A Oil      / Gas X /  
 B (If "Gas", Production X / Underground storage      / Deep      / Shallow X /)
- 5) LOCATION: Elevation: 2132' Watershed: Middle Fork River  
 District: Middle Fork County: Randolph Quadrangle: Cassity
- 6) WELL OPERATOR Union Drilling, Inc. 11) DESIGNATED AGENT Joseph C. Vanzant, Jr.  
 Address P. O. Drawer 40 Address P. O. Drawer 40  
Buckhannon, WV 26201 Buckhannon, WV 26201
- 7) OIL & GAS ROYALTY OWNER Harry McMullan, Jr. Estate 12) COAL OPERATOR       
 Address Harry McMullan, III, Agent Address       
P. O. Box 8  
 Acreage Washington, NC 27889
- 8) SURFACE OWNER Westvaco Corp. 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address 203 Randolph Ave. Name AMAX Coal Company  
Elkins, WV 26241 Address 105 S. Meridian Street  
 Acreage      Indianapolis, IN 46225  
 Name       
 Address
- 9) FIELD SALE (IF MADE) TO: 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Address Not Determined at this time Name International Coal Co.  
 Address      Address 119 W. Washington Street  
     Lewisburg, WV 24901
- 10) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Robert Stewart - 884-7782  
 Address P. O. Box 345  
Jane Lew, WV 26378
- 15) PROPOSED WORK: Drill XX / Drill deeper      / Redrill      / Fracture or stimulate XX  
 Plug off old formation      / Perforate new formation       
 Other physical change in well (specify)
- 16) GEOLOGICAL TARGET FORMATION, E1k
- 17) Estimated depth of completed well, 5200 feet
- 18) Approximate water strata depths: Fresh, ? feet; salt, ? feet.
- 19) Approximate coal seam depths: ? Is coal being mined in the area? Yes      / No XX
- 20) CASING AND TUBING PROGRAM

**RECEIVED**  
 JUN - 9 1983  
 OIL & GAS DIVISION  
 DEPT. OF MINES

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		850	850	to surface		Depths set
Production	4 1/2		10.5#	X			5200	400 sks. or as required		
Tubing										
Liners										Perforations: Top Bottom

- 21) 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.)
- 22) ROYALTY PROVISIONS  
 Is the right to extract, produce or market the oil or gas based upon a lease or other continuing 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
- If the answer above is No, nothing additional is needed. If the answer is Yes, you may use Affidavit Form IV-60.
- 23) Required Copies (See reverse side.)
- 24) 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.

Notary: Sharon L. Stetson Signed: Joseph C. Pettey  
 My Commission Expires May 22, 1989 Its: Joseph C. Pettey, Vice President of Production  
 Commissioned as Sharon L. Kelley

OFFICE USE ONLY  
**DRILLING PERMIT**

Permit number 47-083-0791 Date July 11 19 83  
10/13/2023

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. 10) 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.)

Permit expires March 11, 1984 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>B</u>	Agent: <u>    </u>	Plat: <u>    </u>	Casing: <u>    </u>	Fee: <u>005 955</u>
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Michael J. Lewis  
 Administrator, Office of Oil and Gas



Line Item Explanation

- 1) Date of Application
- 2) Your well name and number
- 3) To be filled out by office of oil & gas
- 4A) "Oil" means natural crude oil or petroleum and other hydrocarbons, regardless of gravity, which are produced at the well in liquid form by ordinary production methods and which are not the result of condensation of gas after it leaves underground reservoirs: "Gas" means all natural gas and all other fluid hydrocarbons not defined as oil.
- 4B) "Shallow well" means any well drilled and completed in a formation above the top of the uppermost member of the "Onondaga Group" or a depth less than six thousand feet, whichever is shallower.  
"Deep well" means any well drilled and completed in a formation at or below the top of the uppermost member of the "Onondaga Group" or at a depth less than six thousand feet, whatever is shallower.
- 5) Where well is located
- 6) Before a permit can be issued in a corporation, company partnership, or fictitious name, the name must be registered with the Secretary of State Office
- 7) Use separate sheet if necessary
- 8) Present surface owner at time application is filed.
- 9) Optional
- 11) See Reg. 7.01 relating to code §22-4-1k
- 12) "Coal Operator" means any persons, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine. See Note 24
- 13 & 14) As per §22-4-20; See Note 24
- 15) Work that will be attempted—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.
- 16) Anticipated formation for which well will be completed
- 17) Self explanatory
- 18) Depth to deepest freshwater, and shallowest salt water, taken from nearby wells corrected for differences in elevation
- 19) All coal seam depths
- 20) Proposed casing program and cementing refer to Code 22-4-5, 22-4-6, 22-4-7, 22-4-8, 22-4-8a Reg 9.01, 15.01, 15.02, 15.03, 15.04, 25.01, 25.02, 25.03, 25.04
- 21) Code 22-4-11(c) - In lieu of filing the lease or leases or other continuing contract or contracts, the applicant for a permit described herein may file the following:
  - (1) A brief description of the tract of land including the district and county wherein the tract is located;
  - (2) The identification of all parties to all leases or other continuing contractual agreements by which the right to extract, produce or market the oil or gas is claimed;
  - (3) The book and page number wherein each such lease or contract by which the right to extract, produce or market the oil or gas is recorded;
  - (4) A brief description of the royalty provisions of each such lease or contract.
- 22) Code 22-4-11(d) and 22-4-11(e).
- 23) 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.
- 24) **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.**

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.

DRILLING 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.

10/13/2023

Date: \_\_\_\_\_, 19\_\_\_\_

By \_\_\_\_\_

Its \_\_\_\_\_





1) Date: January 13, 19 84  
 2) Operator's Well No. 34A - 1895  
 3) API Well No. 47 - 083 - 0791 -Ren  
 State County Permit

APPLICATION TO RENEW PERMIT

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

- 4) WELL TYPE: A Oil  / Gas  /  
 B (If "Gas", Production  / Underground storage  / Deep  / Shallow  /)
- 5) LOCATION: Elevation: 2132' Watershed: Middle Fork River  
 District: Middle Fork 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 General Delivery Address P. O. Drawer 40  
Ellamore, WV 26267 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate   
 Plug off old formation  / Perforate new formation   
 Other physical change in well (specify) \_\_\_\_\_
- 11) GEOLOGICAL TARGET FORMATION, Elk  
 12) Estimated depth of completed well, 5200' feet  
 13) Approximate trata depths: Fresh, ? feet; salt, ? feet.  
 14) Approximate coal seam depths: ? Is coal being mined in the area? Yes

**RECEIVED**  
 JAN 16 1984  
 OIL & GAS DIVISION  
 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	Left in well		
Conductor	11 3/4			X		20	20		Kinds
Fresh water									
Coal									Sizes
Intermediate	8 5/8		23#	X		850	850	to surface	NEAT
Production	4 1/2	J	10.5#	X		5200	5200	400 sks. or	Depths set
Tubing								as required	by rule 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-083-0791-Ren Date February 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 February 1, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <b>BLANKET BOND</b>	Agent: <u>LS</u>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>013-052</u>
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*[Signature]*  
 Administrator, Office of Oil and Gas

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





OFFICE USE ONLY

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

1) Date: \_\_\_\_\_

2) Operator's Well No.: \_\_\_\_\_

3) API Well No.: \_\_\_\_\_ State: \_\_\_\_\_ County: \_\_\_\_\_

4) WELL OPERATOR: \_\_\_\_\_ Address: \_\_\_\_\_

5) LOCATION: District: \_\_\_\_\_ County: \_\_\_\_\_ Elevation: \_\_\_\_\_

6) DESIGNATED AGENT: \_\_\_\_\_ Address: \_\_\_\_\_

7) DRILLING CONTRACTOR: \_\_\_\_\_ Address: \_\_\_\_\_

8) OIL & GAS INSPECTOR TO BE NOTIFIED: \_\_\_\_\_ Address: \_\_\_\_\_

9) PROPOSED WELL WORK: Drill \_\_\_\_\_ / Plug old formation \_\_\_\_\_ / Retill \_\_\_\_\_ / Stimulate \_\_\_\_\_

10) GEOLOGICAL TARGET FORMATION: \_\_\_\_\_

11) Estimated depth of completed well: \_\_\_\_\_ feet

12) Approximate true depth: \_\_\_\_\_ feet

13) Approximate coal seam depths: \_\_\_\_\_ feet

14) Is coal being mined in the area? Yes \_\_\_\_\_ No \_\_\_\_\_

OFFICE USE ONLY

This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections.

Date	Date(s)
Application received	Follow-up inspection(s)
Well work started	"
Completion of the drilling process	"
Well Record received	"
Reclamation completed	"

OTHER INSPECTIONS

Reason: \_\_\_\_\_

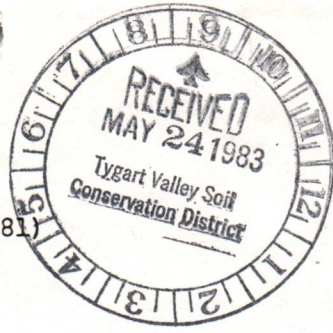
Reason: \_\_\_\_\_

Agent	Plan	Casing	Fee
_____	_____	_____	_____

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



IV-9  
(Rev 8-81)



DATE 5-23-83

WELL NO. 1895

API NO. 47 - Randolph - 0791

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME UNION DRILLING, INC.  
Address P. O. Drawer 40  
Telephone Buckhannon, WV 26201

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

LANDOWNER WestVaco

SOIL CONS. DISTRICT Tygart Valley

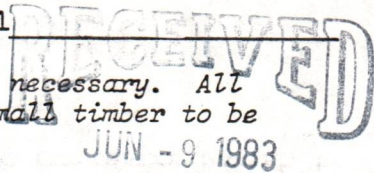
Revegetation to be carried out by Union Drilling, Inc. (Joseph C. Pettey, VP) Agent

This plan has been reviewed by Tygart Valley SCD. All corrections  
and additions become a part of this plan: 5-24-83

Junius Helvick  
(Date)  
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Culvert Pipe (12" Min)</u> (A)	Structure <u>Diversion</u> (1)
Spacing <u>at Natural Drains</u>	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 _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.



REVEGETATION

Treatment Area I

Lime 3 Tons/acre  
or correct to pH 6.5

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

Mulch 2 Tons/acre

Seed\* Ky - 31 30 lbs/acre  
Birdsfoot 10 lbs/acre  
Domestic Rye 10 lbs/acre

Treatment Area II

Lime 3 Tons/acre  
or correct to pH 6.5

Fertilizer 600 lbs/acre  
(10-20-20 or equivalent)

Mulch 2 Tons/acre

Seed\* Ky - 31 30 lbs/acre  
Birdsfoot 10 lbs/acre  
Domestic Rye 10 lbs/acre

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

PLAN PREPARED BY Wanny O' Morgan 10/13/2023

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

ADDRESS P. O. Drawer 40  
Buckhannon, WV 26201

PHONE NO. (304) 472-4610









DATE 5-23-83  
WELL NO. 1895  
API NO. 47 - Randolph - 0791 -  
Ren.

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME UNION DRILLING, INC.  
Address P. O. Drawer 40  
Telephone Buckhannon, WV 26201

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

LANDOWNER WestVaco

SOIL CONS. DISTRICT Tygart Valley

Revegetation to be carried out by Union Drilling, Inc. (Joseph C. Pettey, VP) (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections  
and additions become a part of this plan: 5-24-83

(Date)  
Joseph Pettey  
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>Culvert Pipe (12" Min)</u> (A)	Structure <u>Diversion</u> (1)
Spacing <u>at Natural Drains</u>	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 _____
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

**RECEIVED**  
JAN 16 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

All structures should be inspected regularly and repaired if necessary. All commercial timber is to be cut and stacked and all brush and small timber to be cut and removed from the site before dirt work begins.

REVEGETATION

Treatment Area I

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

Treatment Area II

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)		
Mulch	<u>2</u>	Tons/acre
Seed*	<u>Ky - 31</u>	<u>30</u> lbs/acre
	<u>Birdsfoot</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.

PLAN PREPARED BY Danny O' Morgan 10/13/2023

ADDRESS P. O. Drawer 40  
Buckhannon, WV 26201

PHONE NO. (304) 472-4610


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




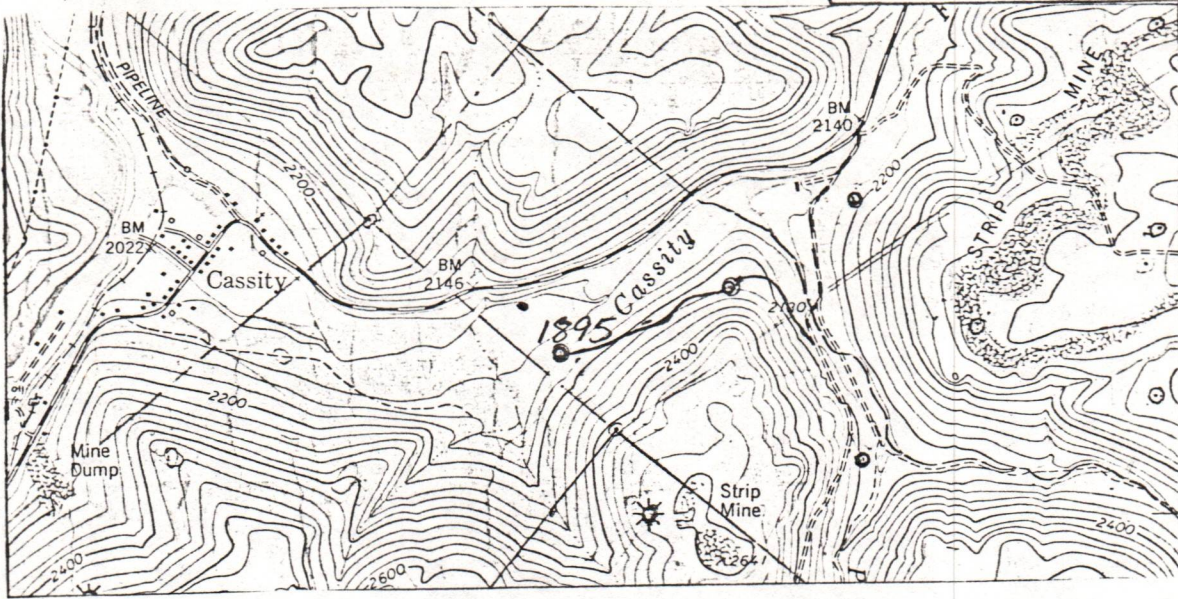
ATTACH OR PHOTOCOPIY SECTION OF INVOLVED TOPOGRAPHIC MAP.

QUADRANGLE Cassidy 7.5

LEGEND


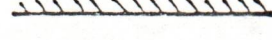


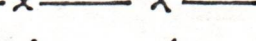







Well Site 

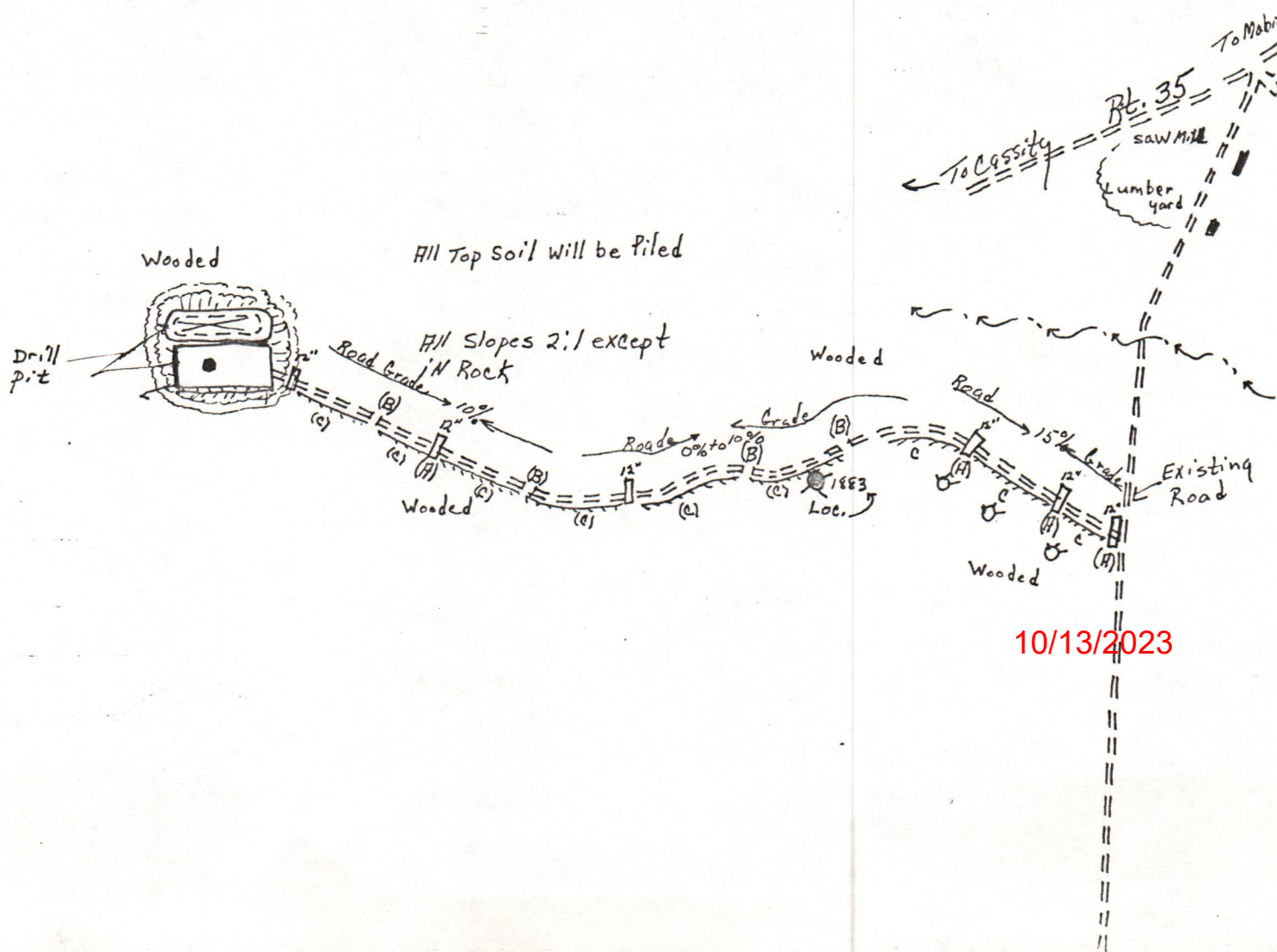
Access Road 



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

LEGEND

Property boundary 	Diversion 
Road 	Spring 
Existing fence 	Wet spot 
Planned fence 	Building 
Stream 	Drain pipe 
Open ditch 	Waterway 





1) Date: January 13, 1984  
2) Operator's Well No. 34A - 1895  
3) API Well No. 47 - 083 - 0791 -  
State County Permit Rea.

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

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

(i) Name Westvaco Corp.  
Address 203 Randolph Ave.  
Elkins, WV 26241

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD  
Name AMAX Coal Company  
Address 105 S. Meridian Street  
Indianapolis, IN 46225

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

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

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

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:  
Name International Coal Co.  
Address 119 W. Washington Street  
Lewisburg, WV 24901

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.

**RECEIVED**  
JAN 16 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

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 NoXX

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

WELL OPERATOR UNION DRILLING, INC.

Joseph C. Petty  
this 13 day of January, 1984.  
My commission expires 2/3, 1993.

By Joseph C. Petty  
Its Joseph C. Petty, Vice President of  
Address P. O. Drawer 40 Production  
Buckhannon, WV 26201  
Telephone 304-472-4610

Michael D. Campbell  
Notary Public, Upshur County,  
State of West Virginia

10/13/2023



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.

I N F O R M A T I O N S U P P L I E D U N D E R C O D E § 22-4-11(d)

I N L I E U O F F I L I N G L E A S E ( S ) A N D O T H E R C O N T I N U I N G C O N T R A C T ( 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:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book	Page
-----------------------	-----------------------	---------	------	------

Harry McMullan, III, Agent Union Drilling, Inc. 1/8th 295/156



P 471 413 942

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to	Harry McMullan, III
Street and No.	P. O. 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, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	JAN 13 1984 MW

PS Form 3800, Feb. 1982

P 471 413 951

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to	Westvaco
Street and No.	203 Randolph Avenue
P.O., State and ZIP Code	Fikins, WV 26241
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	JAN 13 1984 MW

PS Form 3800, Feb. 1982

P 471 413 943

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to	AMAX Coal Company
Street and No.	P. O. Box 967
P.O., State and ZIP Code	Indianapolis, IN 46206
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	JAN 13 1984 MW

PS Form 3800, Feb. 1982

P 471 413 944

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to	International Coal Co.
Street and No.	119 W. Washington St.
P.O., State and ZIP Code	Lewisburg, WV 24901
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return Receipt Showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	JAN 13 1984 MW

10/13/2023



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. 34A - 1895  
Farm Harry McMullan #34A  
API No. 47 - 083 - 0791

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: 2132' Watershed Middle Fork River  
District: Middle Fork 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 Corp.  
ADDRESS 203 Randolph Ave, Elkins, WV 26241  
MINERAL RIGHTS OWNER Harry McMullan  
ADDRESS P.O. Box 8, Washington, N.C. 27889  
OIL AND GAS INSPECTOR FOR THIS WORK  
Phil Tracy ADDRESS Forest Fest. Apts, Elkins, WV  
PERMIT ISSUED 2/1/84 26241  
DRILLING COMMENCED 9/20/84  
DRILLING COMPLETED 9/26/84

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cord.			
13-10"	19.00'	19.00'	
9 5/8			
8 5/8	695.05'	695.05'	387 cf
7			
5 1/2			
4 1/2		4850.85'	796 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 5200' feet  
Depth of completed well 4879' feet Rotary xx / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh 182' feet; Salt none feet  
Coal seam depths: 286/92 Is coal being mined in the area? no

OPEN FLOW DATA  
Producing formation Benson, Elk 1, 2, & 3 Pay zone depth 4736' feet  
Gas: Initial open flow 14 Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 504 Mcf/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 2 hours  
Static rock pressure 1200# psig (surface measurement) after 24 hours shut in  
(If applicable due to multiple completion--)  
Second producing formation \_\_\_\_\_ Pay zone depth \_\_\_\_\_ 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)

RAND 0791



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

Halliburton - 2 stage Foam Frac - 10/3/84

3398/3402 - Benson - 75,000# sand, 670 Bbls water and 730,000 scf nitrogen  
3417

4532 - 1st Elk - 75,000# sand, 645 Bbls water and 700,000 scf nitrogen  
4584 - 1st Elk  
4642 - 2nd Elk  
4736 - 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	286	2" stream water @182'
Coal			286	292	
Sand & Shale			292	992	
Big Lime			992	1098	
Injun			1098	1243	
Bayard			1837	1880	
Lower Bayard			1903	1926	
Upper Speechly			2301	2320	
Lower Speechly			2466	2475	
Benson			3396	3436	
1st Elk			4510	4588	
2nd Elk			4638	4682	
3rd Elk			4734	4781	
				4879'	T.D. 2/10ths thru 1" = 14 mcf

(Attach separate sheets as necessary)

UNION DRILLING, INC.

Well Operator

By:

*Joseph C. Pettey*

10/13/2023

Date:

Joseph C. Pettey, Vice President of Production

October 22, 1984

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 ..., encountered in the drilling of a well."





RECEIVED

JUN 18 1985

OIL & GAS DIVISION  
DEPT. OF MINES

State of West Virginia

Department of Mines  
Oil and Gas Division  
Charleston 25305

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
November 13, 1984

SEED (3)

COMPANY Union Drilling, Inc.

PERMIT NO 083-0791 (2-01-84)

P. O. Drawer 40

FARM & WELL NO Marry McMullan  
#34A-1895

Buckhannon, West Virginia 26201

DIST. & COUNTY Middle 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 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.

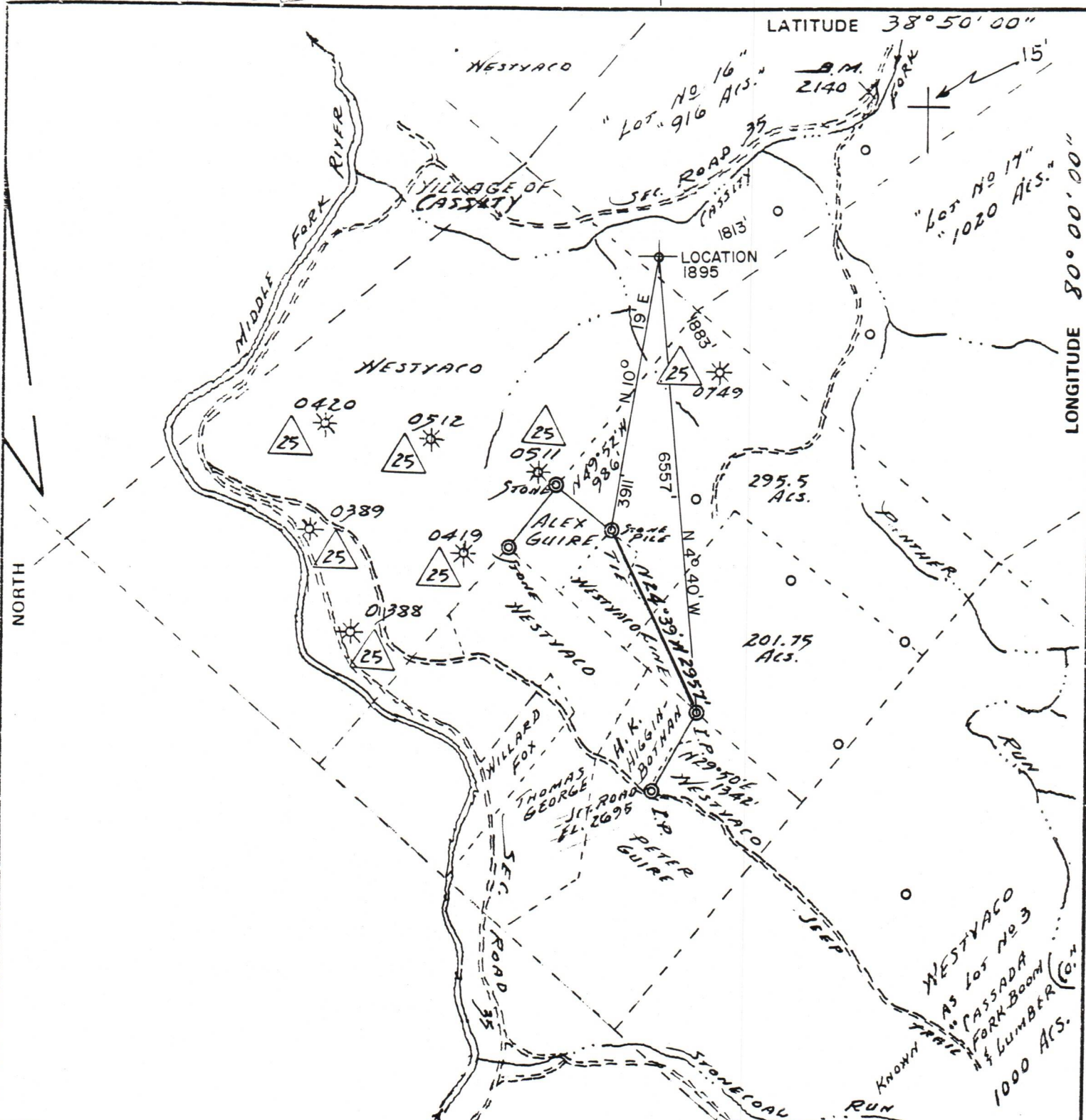
T. H. ...

Administrator-Oil & Gas Division

June 25, 1985

DATE





FILE NO. UDI-3-27  
 DRAWING NO. 83-14  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1 IN 200  
 PROVEN SOURCE OF ELEVATION B.M. in ROCK  
3800' N.E. of LOC.  
 EL. = 2140

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) Thomas F. Heaver, Jr.  
 R.P.E. \_\_\_\_\_ L.L.S. 410

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE APRIL 27, 19 83  
 OPERATOR'S WELL NO. 1895 - 34 A  
 API WELL NO. 47 - 083 - 0791  
 STATE COUNTY PERMIT Ren.

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WELL TYPE: OIL \_\_\_ GAS  LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION  STORAGE \_\_\_ DEEP \_\_\_ SHALLOW   
 LOCATION: ELEVATION 2132 WATER SHED MIDDLE FORK RIVER  
 DISTRICT MIDDLE FORK COUNTY RANDOLPH  
 QUADRANGLE CASSITY

SURFACE OWNER WESTYACO CORPORATION ACREAGE 916  
 OIL & GAS ROYALTY OWNER HARRY McMULLAN JR. ESTATE LEASE ACREAGE 8663  
 LEASE NO. 765

10/13/2023

PROPOSED WORK: DRILL  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 ELK ESTIMATED DEPTH 5200'  
 WELL OPERATOR UNION DRILLING, INC. DESIGNATED AGENT JOSEPH C. YANZANT, JR.  
 ADDRESS P.O. DRAWER 40 ADDRESS P.O. DRAWER 40  
BUCKHANNON, W.VA. 26201 BUCKHANNON W.VA. 26201