



1) Date: March 1, 19 83  
 2) Operator's Well No. 1 - 1866  
 3) API Well No. 47 027 0037  
 State WV County Putnam Permit Alan Cox #1 (1866)

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

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

OIL AND GAS WELL PERMIT APPLICATION

CONFIDENTIAL WELL

- 4) WELL TYPE: A Oil  / Gas  /  
 B (If "Gas", Production  / Underground storage  / Deep  / Shallow  )
- 5) LOCATION: Elevation: 1138 Watershed: North River PC-7  
 District: Sherman County: Hampshire Quadrangle: Yellow Spring
- 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 See attached Sheet 12) COAL OPERATOR \_\_\_\_\_  
 Address \_\_\_\_\_ Address \_\_\_\_\_
- 8) SURFACE OWNER Alan Cox 13) COAL OWNER(S) WITH DECLARATION ON RECORD:  
 Address Kirby, WV 26729 Name Same as Oil & Gas Owners  
 Address \_\_\_\_\_ Name \_\_\_\_\_  
 Address \_\_\_\_\_
- 9) FIELD SALE (IF MADE) TO: 14) COAL LESSEE WITH DECLARATION ON RECORD:  
 Address Not Determined at this time Name \_\_\_\_\_  
 Address \_\_\_\_\_
- 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  / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Fracture or stimulate  /  
 Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_  
 Other physical change in well (specify) \_\_\_\_\_
- 16) GEOLOGICAL TARGET FORMATION, Oriskany
- 17) Estimated depth of completed well, 8000 feet
- 18) Approximate water strata depths: Fresh, ? feet; salt, ? feet.
- 19) Approximate coal seam depths: ? Is coal being mined in the area? Yes  / No

20) 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	13 3/8			X		40	40		Kinds
Fresh water						200'	200'	OTS	Sizes
Coal									
Intermediate	9 5/8		24#	X		2500	2500	to surface	Depths set
Production	5 1/2	(N80-17#)		X			8000	500 sks.	Depths set
Tubing								or as required	Depths set
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. Kelley  
 My Commission Expires May 22, 1989

Signed: Joseph C. Pettey  
 Its: Joseph C. Pettey, Vice President of Production

OFFICE USE ONLY

Permit number 47-027-0037 **DRILLING PERMIT** Date March 18 1983  
09/08/2023

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 November 18, 1983 unless drilling is commenced prior to that date and prosecuted with due diligence.

Bond: <u>Blanket OK</u>	Agent: <u>OK</u>	Plat: <u>OK</u>	Casing: <u>OK</u>	Fee: <u>3341</u>
-------------------------	------------------	-----------------	-------------------	------------------

Administrator, Office of Oil and Gas

**BLANKET BOND**

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



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.

WAIVER

09/08/2023

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 \_\_\_\_\_




**UNION DRILLING, INC.**

 Drawer 40  
 Buckhannon, WV 26201

**DRILLING CONTRACTORS  
 PRODUCERS OF OIL AND GAS**

 DATE: March 1, 1983

 Operator's  
 Well No. 1 - 1866

 API Well No. 47 - -
(CONFIDENTIAL WELL)

SUPPLEMENT TO FORM IV-2  
SURFACE and  
OIL AND GAS ROYALTY OWNERS AND COAL OWNERS (Same)

<u>Tract #</u>	<u>NAME</u>	<u>Tract #</u>	<u>Name</u>
A	Mr. & Mrs. Alan Cox Kirby, WV 26729	I	Mr. Franklin W. Jones 10713 Braddock Road Fairfax, Virginia 22030
B	Mr. Arthur H. Slocum, Jr. Agent 206 West Burke Street Martinsburg, WV 25401	J	Robert J. Crossgrove 904 Glaizewood Court Takoma Park, MD 20912
C	Earl Eugene Kilmer 7411 Baylor Avenue College Park, MD 20740	K L	Loring A. Brock Delray, WV 26714
D	Walter Cunningham c/o Mr. & Mrs. Horace G. Smith Route #2, Box 195 Augusta, WV 26704		
E	Adam A. Fioramonti c/o Mr. & Mrs. Horace G. Smith Route #2, Box 195 Augusta, WV 26740		
F	Mrs. Pearl A. Smith c/o Mr. & Mrs. Horace G. Smith Route #2, Box 195 Augusta, WV 26704		
G	Mr. Vito A. Favorola 1820 Trout Farm Road Jarrettsville, Maryland 21084		
H	Douglas D. Cunningham Route #2, Box 384A Williamsport, MD 21795		

09/08/2023

RECEIVED

#68

Date 2-18-83

BY

PVSC District



DATE 2-15-83

WELL NO. 1866

API NO. 47-Hampshire 0037

IV-9 (Rev 8-81)

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 ALAN Cox et al

SOIL CONS. DISTRICT Potomac Valley scd.

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

This plan has been reviewed by Potomac Valley scd. All corrections and additions become a part of this plan: 3/3/83 (Date)

Charles R. Herritt (SCD Agent)

ACCESS ROAD

LOCATION

Structure Culvert Pipe (12" Min) (A) Spacing At Natural Drains Page Ref. Manual 2-7

Structure (1) Material RECEIVED Page Ref. Manual MAR 8 - 1983

Structure Cross Drains (B) Spacing 250' +/- (60'-80') Page Ref. Manual 2-4

Structure OIL AND GAS DIVISION WV DEPARTMENT OF MINE (2) Material Page Ref. Manual

Structure Roadway Ditch (C) Spacing as shown on Plan Page Ref. Manual 2-12

Structure (3) Material 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

Treatment Area II

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

Lime 3 Tons/acre or correct to pH 6.5 Fertilizer 600 lbs/acre (10-20-20 or equivalent) Mulch Hay 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.

Lime according to pH test NOTES: Please request landowner's cooperation to protect new seeding for one growing season. Attach separate sheets as necessary for comments.

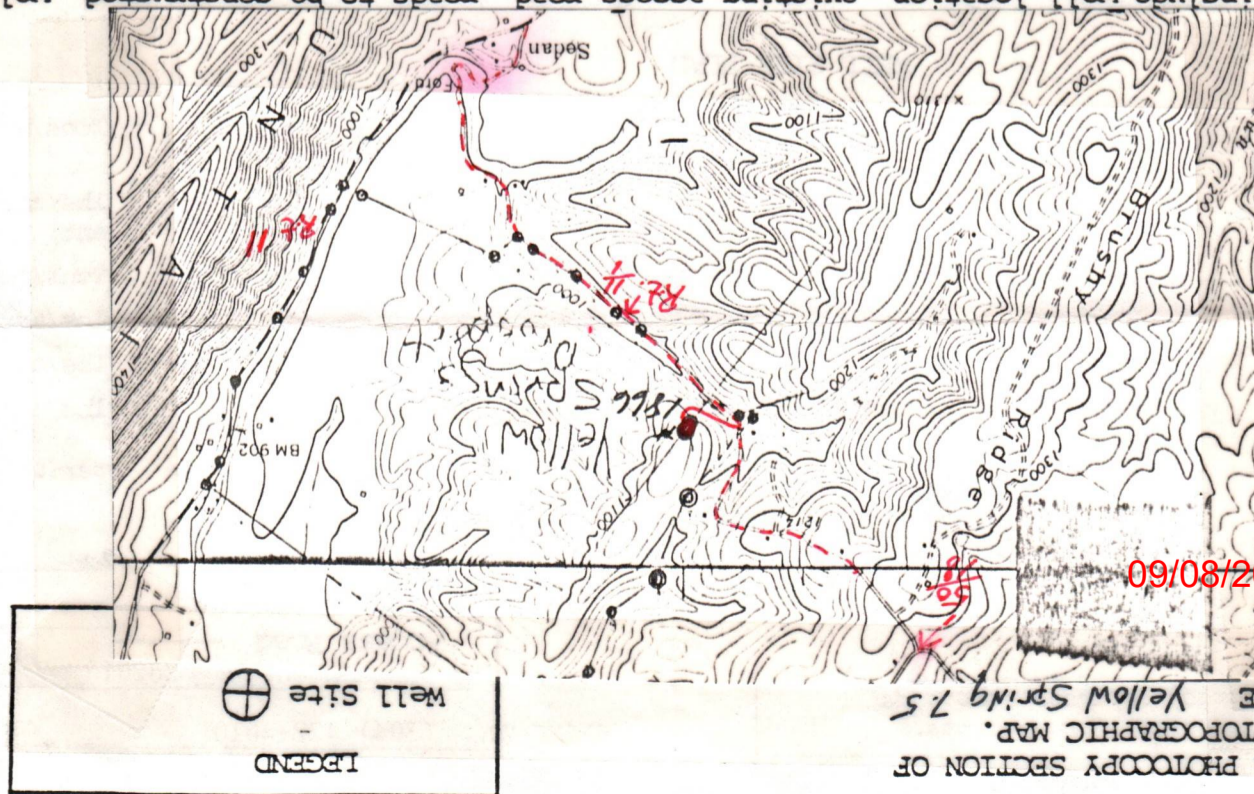
PLAN PREPARED BY Danny O. Morgan ADDRESS P. O. Drawer 40 Buckhannon, WV 26201 PHONE NO. (304) 472-4610

09/08/2023

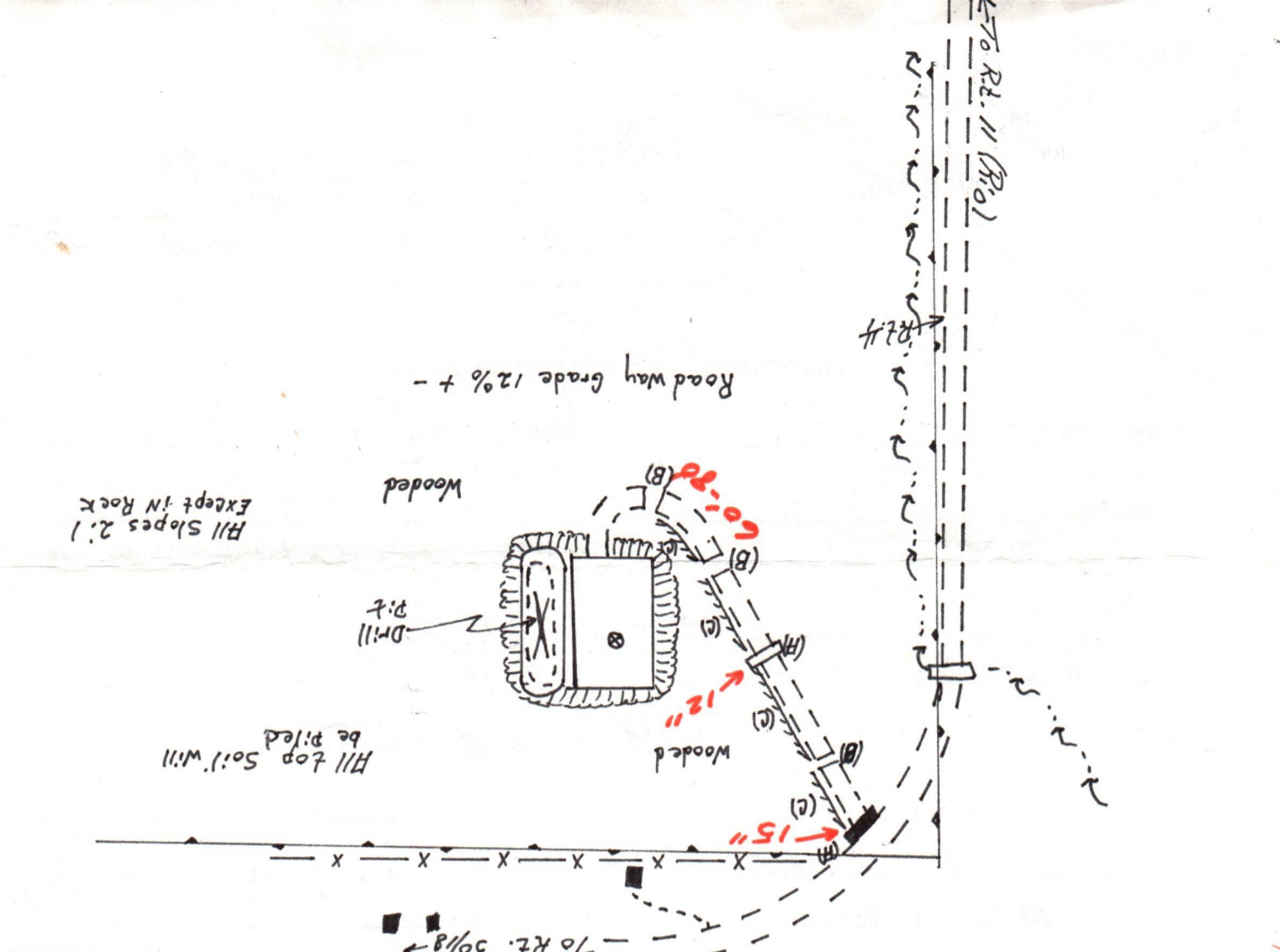
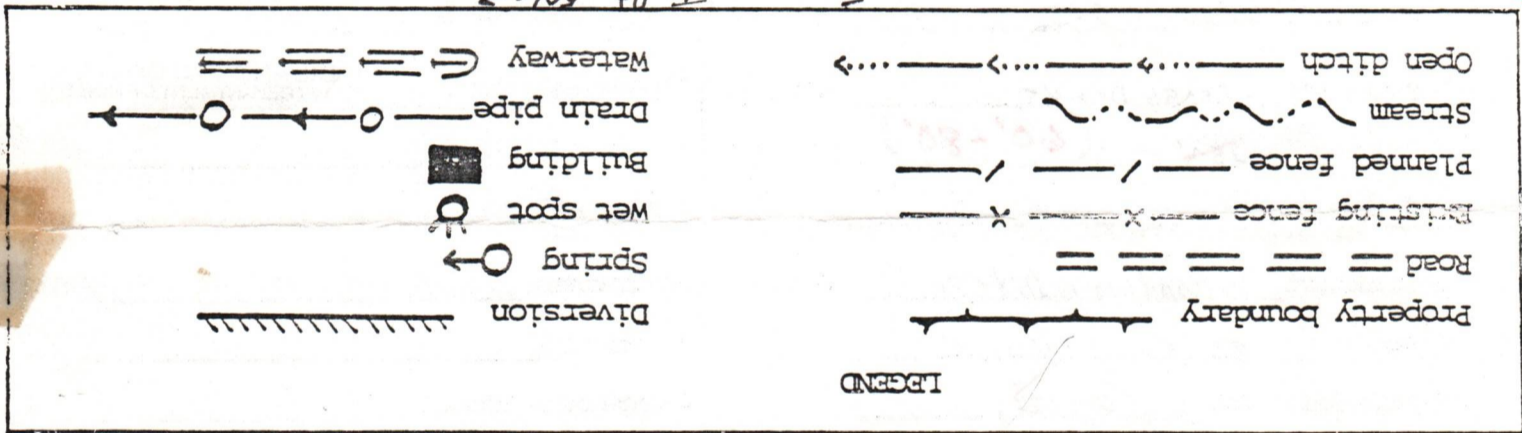


ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Yellow Spring 7.5

09/08/2023



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







STATE OF WEST VIRGINIA  
OIL AND GAS CONSERVATION COMMISSION  
CHARLESTON 25305

March 4, 1983

Mr. Theodore H. Streit, Administrator  
Department of Mines  
Office of Oil and Gas

RE: APPLICATION FOR PERMIT #47- 027-0037 TO DRILL DEEP WELL

COMPANY: UNION DRILLING, INC.

FARM: ALAN COX

COUNTY: HAMPSHIRE DISTRICT: SHERMAN

The application of the above company is APPROVED FOR ORISKANY COMPLETION  
(APPROVED - DISAPPROVED)

Applicant HAS complied with the provisions of Chapter twenty-two, Article  
HAS - HAS NOT  
four-a, (§22-4A), of the Code of West Virginia, nineteen hundred and thirty-one (1931)  
as amended, Oil and Gas Conservation Commission, as follows:

1. *Provided a certified copy of duly acknowledged and recorded consent and easement from all surface owners; Yes*
2. *Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of the deep well, well name, and the name and address of the operator, and, None*
3. *Provided a plat showing that the proposed location is a distance of 1260 feet from the nearest unit boundary and showing the following wells drilling to or capable of producing from the objective formation within 3000 feet of the proposed location: None*

Very truly yours,

Thomas E. Huzzey  
Commissioner

09/08/2023





IV-35  
(Rev 8-81)

Date April 19, 1983  
Operator's  
Well No. 1 - 1866  
Farm Alan Cox #1 (1866)  
API No. 47 - 027 - 0037

RECEIVED  
SEP 7 - 1983

1st Hole

State of West Virginia  
Department of Mines  
Oil and Gas Division

CONFIDENTIAL

WELL OPERATOR'S REPORT  
OF

OIL & GAS DIVISION  
DEPT. OF MINES

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

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

LOCATION: Elevation: 1138' Watershed North River  
District: Sherman County Hampshire Quadrangle Yellow Spring

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 Alan Cox

ADDRESS Kirby, WV 26729

MINERAL RIGHTS OWNER See supplemental sheet

ADDRESS   

OIL AND GAS INSPECTOR FOR THIS WORK Robert

Stewart ADDRESS P O Box 345, Jane Lew W V

PERMIT ISSUED 3/18/83 26378

DRILLING COMMENCED 3/31/83

DRILLING COMPLETED 4/6/83

IF APPLICABLE: PLUGGING OF DRY HOLE ON  
CONTINUOUS PROGRESSION FROM DRILLING OR  
REWORKING. VERBAL PERMISSION OBTAINED  
ON 4/6/83

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cond.			
13-10"	35'	Pulled	Not Cemented
9 5/8	1250.27'	1250.27'	902 cu. ft.
8 5/8			
7	(Squeeze Job on 4/6/83-		100 sks. 118 cu. ft.
5 1/2			
4 1/2	(Squeeze Job on 4/7/83-		200 sks. 236 cu. ft.
3			
2	(Squeeze Job on 4/8/83-		200 sks. 236 cu. ft.
Liners used	(Squeeze Job on 4/9/83-		250 sks. 295 cu. ft.

GEOLOGICAL TARGET FORMATION Oriskany Depth 8000' feet

Depth of completed well 1552' feet Rotary X / Cable Tools   

Water strata depth: Fresh 205', 577', 1250', 1416' feet; Salt    feet

Coal seam depths:    Is coal being mined in the area? No

OPEN FLOW DATA

Producing formation    Pay zone depth    feet

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

(If applicable due to multiple completion--)

09/08/2023

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)

HAMP. 0037



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

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fresh and salt water, coal, oil and gas
Chemung Brallier			0 289'	289' 1552'TD	1" stream water @ 205' 3" stream water @ 577' 1½" - 2" stream water @ 1250' ½" - ¾" stream water @ 1416' 4" stream water @ 1548'

(Attach separate sheets as necessary)

Union Drilling, Inc.

Well Operator

By: Joseph C. Petty 09/08/2023  
Joseph C. Petty, Vice President of Production

Date: April 19, 1983

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."



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

INSPECTOR'S WELL REPORT

Permit No. 027-0037

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

Company UNION DRILLING  
 Address Buck Hannon  
 Farm ALAN COX  
 Well No. 1-1866  
 District SHERMAN County HAMPSHIRE  
 Drilling commenced 3-30-83  
 Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_  
 Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_  
 Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch  
 Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch  
 Volume \_\_\_\_\_ Cu. Ft.  
 Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
 Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
 Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
 Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer
13			
10			Size of
8 <sup>7</sup> / <sub>8</sub>		1250	725 STS
6 <sup>5</sup> / <sub>8</sub>			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

CASING CEMENTED 9 <sup>7</sup>/<sub>8</sub> SIZE 1250 No. FT. \_\_\_\_\_ Date 4-5-83  
 NAME OF SERVICE COMPANY HALLIBURTON  
 COAL WAS ENCOUNTERED AT \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES  
 \_\_\_\_\_ FEET \_\_\_\_\_ INCHES \_\_\_\_\_ FEET \_\_\_\_\_ INCHES

Drillers' Names UNION RIG - 9

Remarks: Cement To SURFACE

RECEIVED  
APR 7 - 1983

OIL & GAS DIVISION  
DEPT. OF MINES

4-5-83  
DATE

Robert Stewart 09/08/2023 511  
DISTRICT WELL INSPECTOR







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

INSPECTOR'S WELL REPORT

Permit No. 027-0037

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

Company Union DRILLING

Address Buck Hannon

Farm ALAN Cox

Well No. 1-1866

District SHERMAN County HAMPSHIRE

Drilling commenced 3-30-83

Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_

Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_

Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch

Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet

Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8			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 Union Rig - 9

RECEIVED

Remarks: Move Rig SPUD

APR 4 - 1983

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

3-30-83  
DATE

Robert Stewart  
DISTRICT WELL INSPECTOR

09/08/2023











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

INSPECTOR'S WELL REPORT

Permit No. \_\_\_\_\_

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

Company \_\_\_\_\_

Address \_\_\_\_\_

Farm \_\_\_\_\_

Well No. \_\_\_\_\_

District \_\_\_\_\_ County \_\_\_\_\_

Drilling commenced \_\_\_\_\_

Drilling completed \_\_\_\_\_ Total depth \_\_\_\_\_

Date shot \_\_\_\_\_ Depth of shot \_\_\_\_\_

Initial open flow \_\_\_\_\_ /10ths Water in \_\_\_\_\_ Inch

Open flow after tubing \_\_\_\_\_ /10ths Merc. in \_\_\_\_\_ Inch

Volume \_\_\_\_\_ Cu. Ft.

Rock pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.

Oil \_\_\_\_\_ bbls., 1st 24 hrs.

Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet

Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			
16			Kind of Packer _____
13			
10			Size of _____
8 1/4			
6 5/8			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: \_\_\_\_\_

DATE

09/08/2023

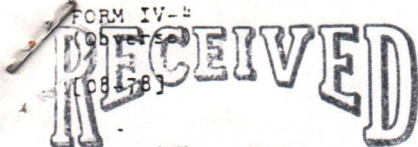
DISTRICT WELL INSPECTOR



Date: April 19, 1983

Operator's Well No. 1 - 1866

API Well No. 47 - 027 - 0037  
State County Permit



OCT 17 1984

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

OIL & GAS DIVISION  
DEPT. OF MINES

NOTICE OF INTENTION TO PLUG AND ABANDON A WELL

WELL TYPE: Oil / Gas X / Liquid Injection / Waste Disposal /  
(If "Gas", Production X / Under-ground storage / Deep X / Shallow /)

LOCATION: Elevation: 1138 Watershed: North River  
District: Sherman County: Hampshire Quadrangle: Yellow Spring

WELL OPERATOR 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

ROYALTY OWNER Sheet is attached  
Address

COAL OPERATOR See Sheet Attached  
Address

ACREAGE 640  
SURFACE OWNER Alan Cox  
Address Kirby, WV 26729

COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name Same as Royalty Owners  
Address

ACREAGE 454.59

Name  
Address

FIELD SALE (IF MADE) TO:  
Name None  
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.

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 Regulation 12, (iii) the fee required by Code § 22-4-12c, and (iv) Form IV-3, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23.

09/08/2023

472-4610









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

NOTICE OF INTENTION TO PLUG AND ABANDON WELL

(REQUIRED BY SECTION 9, ARTICLE 4, CHAPTER 22 OF THE CODE)

TO THE DEPARTMENT OF MINES,  
Charleston, W. Va.

Union Drilling, Inc.

Coal Operator	Name of Well Operator
Address	P.O. Drawer 40, Buckhannon, W.Va. 26201
Coal Owner	Complete Address
Address	4-19-83
Lease or Property Owner	Date
Address	WELL TO BE ABANDONED
	Sherman District
	Hampshire County
	Well No. 1-1866 (1st. Hole)
	Alan Cox Farm

Inspector Robert Stewart - P.O. Box 345-Jane Lew, W.Va. 26378 Telephone 884-7782

TO BE NOTIFIED 24 HOURS IN ADVANCE OF PLUGGING OPERATIONS

Gentlemen:—

The undersigned well operator is about to abandon the above described well and will commence

the work of plugging and abandoning said well on the date inspector is notified (which date shall not be less than five days after the day on which this notice so mailed is received, or in due course should be received by the Department of Mines).

This notice is given you in order that your respective representatives may be present at the plugging and filling of said well. You are further notified that whether you are represented or not represented the undersigned will proceed on that date, or shortly thereafter, to plug and fill said well in the manner required by Section 10, Article 4, Chapter 22 of the Code and given in detail on the reverse side of this notice, in "Work Order."

This notice is being mailed by registered mail to each of you at the above addresses on the above date.

Very truly yours,

Union Drilling, Inc.

Well Operator

NOTE: Upon the abandonment of any well drilled prior to June 1, 1920, a plat prepared by a registered engineer, shall be filed with THREE COPIES OF APPLICATION, (OG-9) AND "WORK ORDER" AND TWO COPIES OF THE WELL RECORD, (OG-10). The map must show the district and county in which the tract of land is located, the name and acreage of same, the name or names of the owners and names of adjacent tracts and the location of the well to be abandoned, determined by survey with the courses and distances of such well from two permanent points or landmarks on said tract, in compliance with Rule 5 of the Rules and Regulations.

NOTE: In case plugging is not commenced within four months from the date of permit, same shall expire and be of no further force or effect.

NOTE: PERMIT IS NON TRANSFERABLE.



PROPOSED MANNER OF PLUGGING AND FILLING WELL

(REQUIRED BY RULES AND REGULATIONS)

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WORK ORDER

Well to be plugged and filled as follows:

Cement - 1552' - 1150'

Gel - 1150' - 100'

Cement - 100' - 0'

To the Department of Mines  
Coal Owner or Operator,  
Lease or Property Owner.

IF PARTIAL PLUGGING  
PLEASE SUBMIT REVISED WELL RECORD  
WHEN WORK IS COMPLETED.

Gentlemen:

This "work order" is submitted for your approval and concurrence and unless notified of your disapproval or non-concurrence, the undersigned will proceed with the plugging and filling of said well in the above described manner on the date inspector is notified after permit is issued.

Very truly yours,

\_\_\_\_\_  
Well Operator

No objections have been filed by the coal owner or coal operator, or any available adjacent lease or property owners or interposed by the Department of Mines to the manner herein described for the plugging and filling of the well above mentioned. Therefore, the same is hereby approved this

11th. day of April, 1983.

(VERBAL PERMISSION GIVEN)

DEPARTMENT OF MINES  
Oil and Gas Division

09/08/2023

By: Robert Stewart

NOTE: This "work order" shall be filed in triplicate, one copy for the files of the Department of Mines; one to be approved or corrected and returned to the well operator as his authority for plugging said well; and one for the well inspector.



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

AFFIDAVIT OF PLUGGING AND FILLING WELL

*1st. Hole*

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

LOCATION: Elevation: 1138 Watershed: North River  
District: Sherman County: Hampshire Quadrangle: Yellow Spring

WELL OPERATOR 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

STATE OF WEST VIRGINIA, )  
COUNTY OF Upshur ) ss:

Edward Starrett and Joseph C. Pettey

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; that they were employed by Union Drilling, Inc. the well operator, and participated in the work of plugging and filling the above well; that the work was commenced on April 11, 1983, and completed on April 11, 1983, in the following manner:

PERMITTED WORK: Plug and abandon XX / Clean out and replug \_\_\_ /

PLUGGING MATERIALS

Type of Cement	Other Materials	Depth	Thickness
Bulk		0 - 100	
	6% Gel	100 - 1213	1213
Bulk		1213 - 1260	1260
	6% Gel	1260 - 1552	1552

Bridge Plugs Used--Type and Depth

VENT PIPE None

MISCELLANEOUS MATERIALS

CASING LOST 1250.27' of 9 5/8"

TYPE OF RIG:

Owner: Well Op'r XX Contractor \_\_\_ /  
Rig time: \_\_\_ days plus \_\_\_ hours

COAL SEAMS (NAMES AND DEPTHS)

DESCRIPTION OF WELL MONUMENT

Cement monument used as a marker  
Alan Cox #1  
47-027-0037P

**RECEIVED**

SEP 7 - 1983

OIL & GAS DIVISION  
DEPT. OF MINES

Joseph C. Pettey (SEAL)  
Ed Starrett (SEAL)

Subscribed and sworn to before me this  
19th day of April, 1983.

My commission expires May 22, 1989.

Sharon L. Kelley **09/08/2023**  
Notary Public





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

WALTER N MILLER  
 DIRECTOR

THEODORE M. STREIT  
 ADMINISTRATOR

May 30, 1984

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

In Re: PERMIT NO: 47-027-0037-P  
 FARM: Alan Cox  
 WELL NO: 1-1866  
 DISTRICT: Sherman  
 COUNTY: Hampshire  
 ISSUED: March 18, 1983

Gentlemen:

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

~~XXXXXX~~The well designated by the above permit number has been released under your Blanket Bond.

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

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

Very truly yours,

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

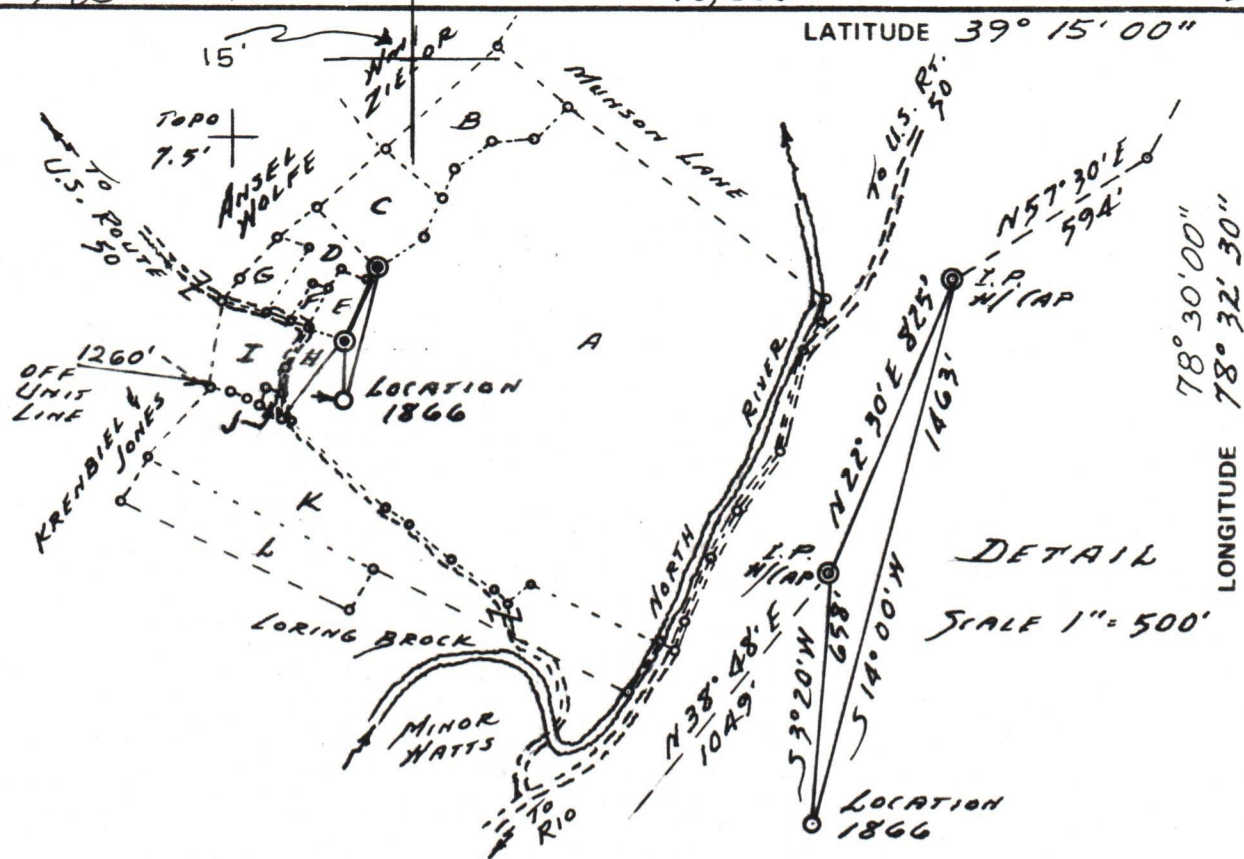


3-4-83

10,600'

LATITUDE 39° 15' 00"

1350'



DETAIL  
SCALE 1" = 500'

LONGITUDE 78° 30' 00"  
78° 32' 30"

UNIT CONSISTS OF			
	NAME	LEASE NO.	ACRES
A	ALAN COX, et. al.	340010	454.59
B	ARTHUR H. SLOCUM, JR.-AGENT	331877	25.00
C	EARL EUGENE KILMER	595700	20.50
D	WALTER C. CUNNINGHAM, et. al.	590748	7.90
E	ADAM A. FIORAMONTI, et. al.	590748	6.00
F	PERAL A. SMITH	590748	1.51
G	VITO A. FAVAROLA, et. al.	331772	7.69
H	DOUGLAS D. CUNNINGHAM, et. al.	331732	5.00
I	FRANKLIN W. JONES, et. al.	334817	11.00
J	ROBERT J. CROSSGROVE & RUTH ESCH	336294	2.25
K	LORING A. BROCK, et. al.	589446	64.77
L	LORING A. BROCK, et. al.	589446	33.79
		TOTAL	640.00

*Void*

FILE NO. UDI-3-8  
 DRAWING NO. 83-2  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1 in 500'  
 PROVEN SOURCE OF ELEVATION SEC. OF ROADS  
1350' N.W. OF LOCATION  
EL. = 1214

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. Weaver, Jr.  
 R.P.E. \_\_\_\_\_ L.L.S. 410

PLACE SEAL HERE

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION



DATE JAN. 19 1983  
 OPERATOR'S WELL NO. 1866  
 API WELL NO. 47 - 027 - 0037  
 STATE COUNTY PERMIT

(+) 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 1138 WATER SHED NORTH RIVER  
 DISTRICT SHERMAN COUNTY HAMPSHIRE  
 QUADRANGLE YELLOW SPRING

SURFACE OWNER ALAN COX et. al. ACREAGE 454.59  
 OIL & GAS ROYALTY OWNER SEE UNIT LEASE ACREAGE SEE UNIT

LEASE NO. AMOCO-LAND PROP. No. 09/08/2023

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 DRISKANY ESTIMATED DEPTH 8000'

WELL OPERATOR UNION DRILLING, INC. DESIGNATED AGENT JOSEPH C. YANZANT, JR.  
 ADDRESS P.O. DRAWER 40 ADDRESS P.O. DRAWER 40  
BUCKHANNOH, W.VA. 26201 BUCKHANNOH, W.VA. 26201

TAMM-0051