



1) Date: December 8, 1983  
 2) Operator's Well No. 1971  
 3) API Well No. 47 - 053 - 0329  
 State \_\_\_\_\_ County \_\_\_\_\_ 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: 579.87 Watershed: Sixteenmile Creek  
 District: Clendenin County: Mason Quadrangle: Apple Grove  
 6) WELL OPERATOR Union Drilling, Inc. 7) DESIGNATED AGENT Joseph C. Vanzant, Jr.  
 Address Post Office Drawer 40 Address Post Office Drawer 40  
Buckhannon, WV 26201 Buckhannon, WV 26201  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED 9) DRILLING CONTRACTOR:  
 Name Jerry Tephabock Name Union Drilling, Inc.  
 Address Route 1, Box 101-A Address Post Office Drawer 40  
Ripley, WV 25271 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, Devonian Shale LOWER HURON  
 12) Estimated depth of completed well, 3000 feet  
 13) Approximate trata depths: Fresh, ? feet; salt, ? feet.  
 14) Approximate coal seam depths: ? Is coal being mined in the area? Yes  No

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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		32		X	30'	30'		Kinds
Fresh water									
Coal									Sizes
Intermediate	8-5/8		23		X	1000' 779'	1000' 779'	210 sacks	ETS By Rule 15.05
Production	4-1/2	J-55	10.5	X		3000'	3000'	640 sacks	Depths set
Tubing									OR AS REQ BY RULE 15.01
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY  
 DRILLING PERMIT

Permit number 47-053-0329 Date December 29, 1983

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 December 29, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

BLANKET BOND

Bond:	Agent: <u>lp</u>	Plat: <u>MTI</u>	Casing: <u>MTI</u>	Fee: <u>200</u>
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Margaret J. Hassel  
 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) LOCATION: District: \_\_\_\_\_ County: \_\_\_\_\_ Elevation: \_\_\_\_\_  
 2) WELL OPERATOR: Name: \_\_\_\_\_ Address: \_\_\_\_\_  
 3) DRILLING CONTRACTOR: Name: \_\_\_\_\_ Address: \_\_\_\_\_  
 4) DESIGNATED AGENT: Name: \_\_\_\_\_ Address: \_\_\_\_\_  
 5) PROPOSED WELL WORK: Drill \_\_\_\_\_ Deepen \_\_\_\_\_ Plug off old formation \_\_\_\_\_  
 6) GEOLOGICAL TARGET FORMATION: \_\_\_\_\_  
 7) Estimated depth of completed well: \_\_\_\_\_ feet  
 8) Approximate true depth: \_\_\_\_\_ feet  
 9) Approximate coal seam depth: \_\_\_\_\_ feet  
 10) CASING AND TURNING PROGRAM: \_\_\_\_\_

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: \_\_\_\_\_

08/25/2023



IV-9  
(Rev 8-81)

DATE December 2, 1983

WELL NO. 1971

State of West Virginia

API NO. 47-053-0329

Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Union Drilling, Inc.  
Address P. O. Drawer 40  
Buckhannon, WV 26201  
Telephone 304/472-4610

DESIGNATED AGENT Joseph Vanzant  
Address P. O. Drawer 40  
Buckhannon, WV 26201  
Telephone 304/472-4610

LANDOWNER J. L. Watterson, Jr.

SOIL CONS. DISTRICT Western

Revegetation to be carried out by Union Drilling, Inc. (Agent)

This plan has been reviewed by Western SCD. All corrections and additions become a part of this plan: Dec 5, 1983 (Date)

Leslie Rayburn  
(SCD Agent)

ACCESS ROAD

LOCATION

Structure CMP Culverts 12" Min (A)  
Spacing \_\_\_\_\_  
Page Ref. Manual 2:7 2:8  
Structure \_\_\_\_\_ (B)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_ (C)  
Spacing \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

Structure Drill Pit (1)  
Material Earth  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_ (2)  
Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_  
Structure \_\_\_\_\_ (3)  
Material \_\_\_\_\_  
Page Ref. Manual \_\_\_\_\_

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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

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\* Orchard Grass 30 lbs/acre  
Red Clover 4 lbs/acre  
Ladino Clover 2 lbs/acre

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\* Orchard Grass 30 lbs/acre  
Red Clover 4 lbs/acre  
Ladino Clover 2 lbs/acre

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

08/25/2023

PLAN PREPARED BY C. T. Tolley, Jr.

ADDRESS 7911 Sissonville Drive  
Sissonville, WV 25320

PHONE NO. 304/988-9432

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 APPLE GROVE

LEGEND

Well Site ⊕

Access Road ———

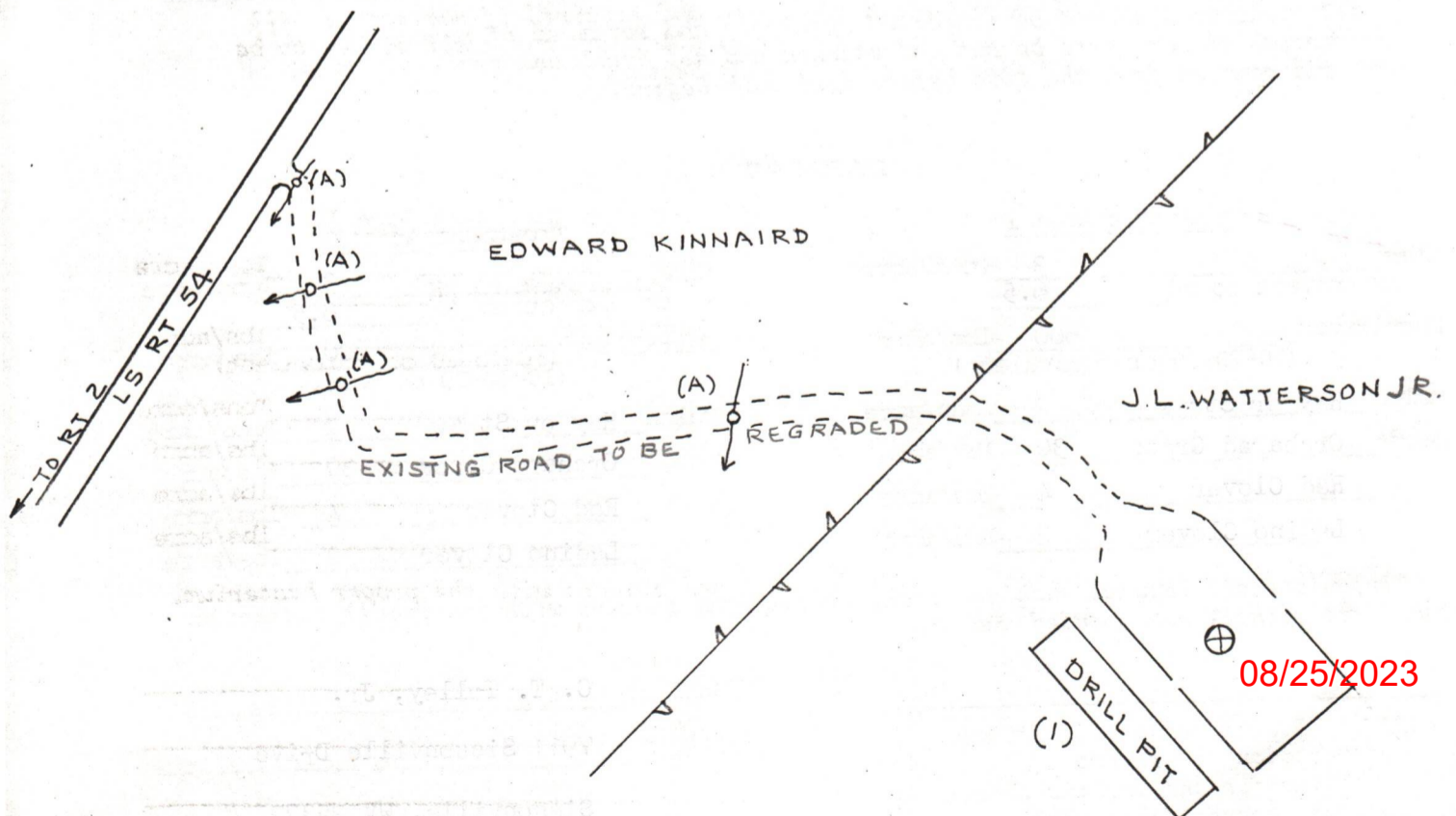


WELL SITE PLAN

Sketch to include well location, existing access road, roads to be constructed, wellsite, 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 ———x———x———	Wet spot ☼
Planned fence ———/———/———	Building ■
Stream ~~~~~	Drain pipe —○—○—○—○—○—○—
Open ditch ———>———>———>———>———>———	Waterway <—>—>—>—>—>—





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>
J. L. Watterson, Jr. et.ux.	Cyclops Corporation	1/8	51/654
Cyclops Corporation	Union Drilling, Inc.		49/507



STATE OF WEST VIRGINIA  
 OIL AND GAS CONSERVATION COMMISSION  
 CHARLESTON 25305

February 27, 1984

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

RE: APPLICATION FOR PERMIT #47- 053 - 0329 TO DRILL DEEP WELL

COMPANY: UNION DRILLING, INC.

FARM: J. L. WATTERSON, JR.

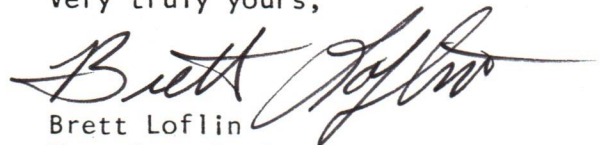
COUNTY: MASON DISTRICT: CLENDENIN

The application of the above company is APPROVED FOR <sup>Clinton</sup> LOWER HURON FORMATION  
 (APPROVED - DISAPPROVED)

Applicant HAS complied with the provisions of Chapter twenty-two,  
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 form 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 705 feet from the nearest unit boundary and showing the following wells drilling to or capable of producing from the objective formation within 3,000 feet of the proposed location:* None

Very truly yours,

  
 Brett Loflin  
 Petroleum Engineer

LBL/rf

08/25/2023



STATE OF WEST VIRGINIA  
 OIL AND GAS CONSERVATION COMMISSION  
 CHARLESTON 25305

February 27, 1984

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

RE: APPLICATION FOR PERMIT #47- 053 - 0329 TO DRILL DEEP WELL  
 COMPANY: UNION DRILLING, INC.  
 FARM: J. L. WATTERSON, JR.  
 COUNTY: MASON DISTRICT: CLENDENIN

The application of the above company is APPROVED FOR CLINTON FORMATION  
 (APPROVED - DISAPPROVED)

Applicant HAS complied with the provisions of Chapter twenty-two,  
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 form 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 705 feet from the nearest unit boundary and showing the following wells drilling to or capable of producing from the objective formation within 3,000 feet of the proposed location:* None

Very truly yours,

Brett Loflin  
 Petroleum Engineer

LBL/rf

08/25/2023





**UNION DRILLING, INC.**

Drawer 40  
Buckhannon, WV 26201

**DRILLING CONTRACTORS  
PRODUCERS OF OIL AND GAS**

February 22, 1984

Ms. Margaret Hasse  
Petroleum Engineer Specialist  
Office of Oil and Gas  
Department of Mines  
1615 Washington Street East  
Charleston, WV 25311-2192

Re: Permit No. 47-053-0329  
UDI Well No. 1971

Dear Margaret:

In accordance with our telephone conversation of this morning, please find enclosed a copy of "Consent and Easement for Deep Well for the Production of Oil and Gas". As we discussed, Union Drilling, Inc. intends to drill the subject well to a depth of approximately 4,500 feet to the Clinton Formation.

Thank you again for your assistance in this matter. If you should need anything further, please do not hesitate to contact us.

Very truly yours,

UNION DRILLING, INC.

*Cindy*

Cynthia K. Albaugh  
Lease Records Supervisor

CKA;cka  
Enclosure

**RECEIVED**  
FEB 24 1984

OIL & GAS DIVISION  
DEPT. OF MINES

**RECEIVED**  
FEB 22 1984

OIL & GAS DIVISION  
DEPT. OF MINES

08/25/2023

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

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FEB 21 1984

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 053 0329

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

Company Union Drilling  
 Address \_\_\_\_\_  
 Farm Watson  
 Well No. #1  
 District \_\_\_\_\_ County Mason  
 Drilling commenced 2 15 84  
 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 3/8			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: Rig #11 Rodney Stuster

Rig moving onto.

2 15 84  
DATE

Jerry R. Taylor 08/25/2023





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

Halliburton - Acid Treatment - 2/25/84  
 1317/25 - Big Lime - 1500 gals. 15% acid  
 Halliburton - 1 stage Foam Frac - 5/3/84  
 2781/3126 - Huron - 60,000# 20/40 sand, 221 Bbls water and 906,000 scf nitrogen

RECEIVED  
 JUN 8 - 1984  
 DEPT. OF MINE

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	323	1/2" stream water @280'
Red Rock			323	345	1/2" stream water @520'
Sand & Shale			345	1282	1" stream water @785'
Big Lime			1291	1386	
Injun			1386	1644	
Berea			1892	1917	
Upper Huron			2788	2799	
Lower Huron			2839	3132	
				3312	T.D. gas show

(Attach separate sheets as necessary)

UNION DRILLING, INC.

Well Operator

By: Joseph L. Petty 08/25/2023  
 Date: Vice President of Production

5/10/84

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."

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

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OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 053 -329

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

Company <u>Union Drilling</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm _____	16			Kind of Packer _____
Well No. _____	13			
District _____ County <u>Mason</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names \_\_\_\_\_

Remarks:

Runnigg 4 1/2 raining very hard could not get to rig.

4 6 84

DATE

08/25/2023



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

RECEIVED  
FEB 27 1984

OIL & GAS DIVISION  
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 053 0329

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

Company <u>Union Drilling</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm <u>Watson</u>	16			Kind of Packer _____
Well No. _____	13			
District _____ County <u>Mason</u>	10			Size of _____
Drilling commenced <u>2 17 84</u>	8 1/4			
Drilling completed <u>2 20 84</u> Total depth <u>1911</u>	6 3/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used _____			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Strator

Remarks:

2 17 84 Spud date

Ran 755 feet 9 5/8 csg. Cement Dowell 270 sacs plug down 11:40 pm.

2 20 84 Ran 1963' 7" csg Cement Dowell 145 sacs, Plug Down 12:45 am. No 4 1/2 ran on this well.

2 21 84 Moving off location.

DATE

*James T. Tolson*  
DISTRICT WELL INSPECTOR

08/25/2023







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

RECEIVED  
AUG 14 1984  
OIL & GAS DIVISION  
DEPT. OF MINES

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
June 13, 1984

COMPANY Union Drilling, Inc.  
P. O. Drawer 40  
Buckhannon, West Virginia 26201

PERMIT NO 053-0329 12/83  
FARM & WELL NO Watterson #1-1971  
DIST. & COUNTY Clendenin/Mason

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	_____	_____

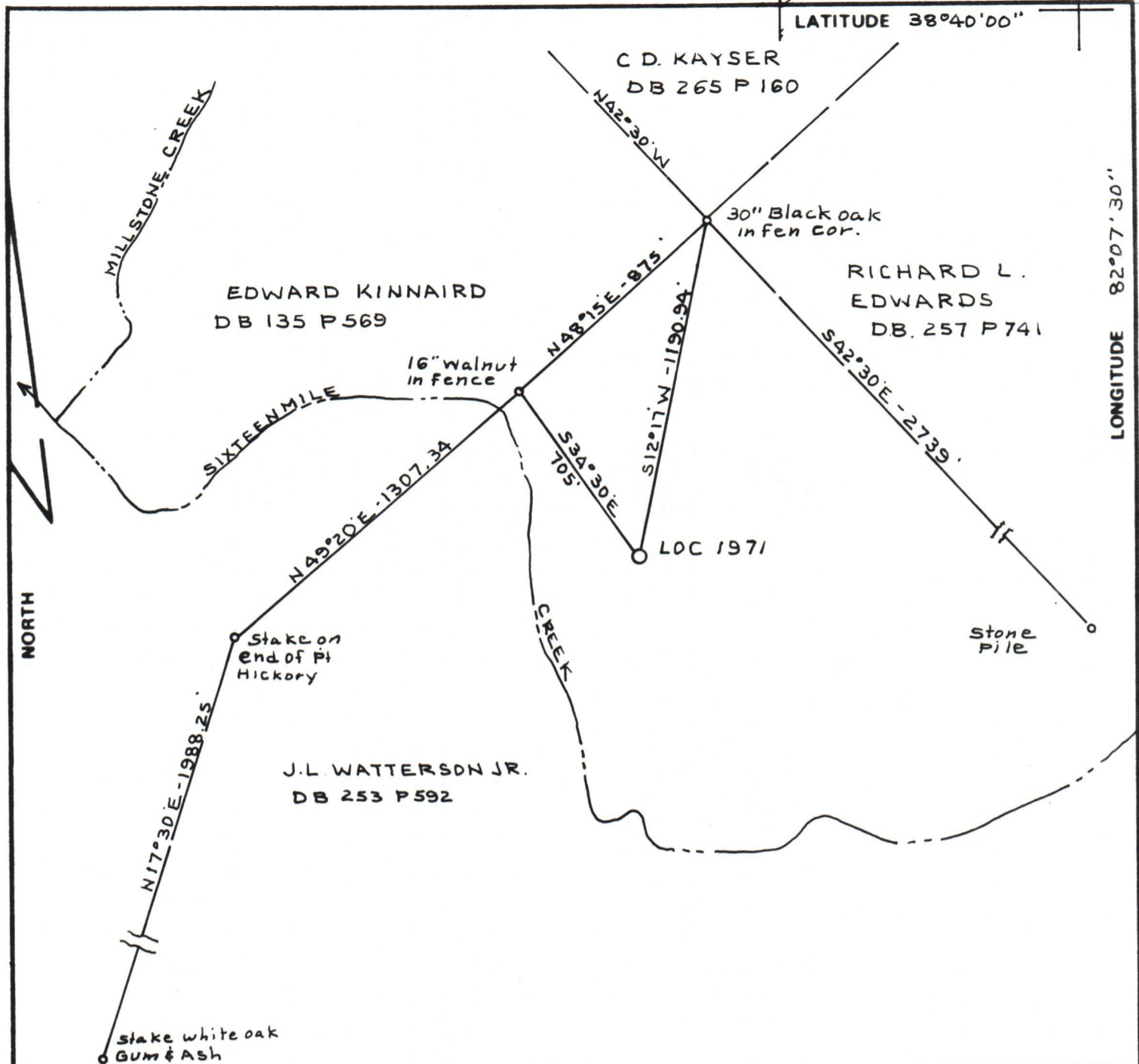
I HAVE INSPECTED THE ABOVE CAPTIONED WELL AND RECOMMEND THAT IT BE RELEASED:

SIGNED Jerry Tephobok  
DATE 8 9 8 4

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

August 24, 1984  
DATE



FILE NO. BK 81 P 54  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1:200'  
 PROVEN SOURCE OF ELEVATION USGS Forks Road 3300' North Loc E.L. 590

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) C. S. Valley Jr.  
 R.P.E. \_\_\_\_\_ O.G.S. 92

PLACE SEAL HERE

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



DATE NOV 30, 1983  
 OPERATOR'S WELL NO. 1971  
 API WELL NO. \_\_\_\_\_  
47 - 053 - 0329  
 STATE COUNTY PERMIT

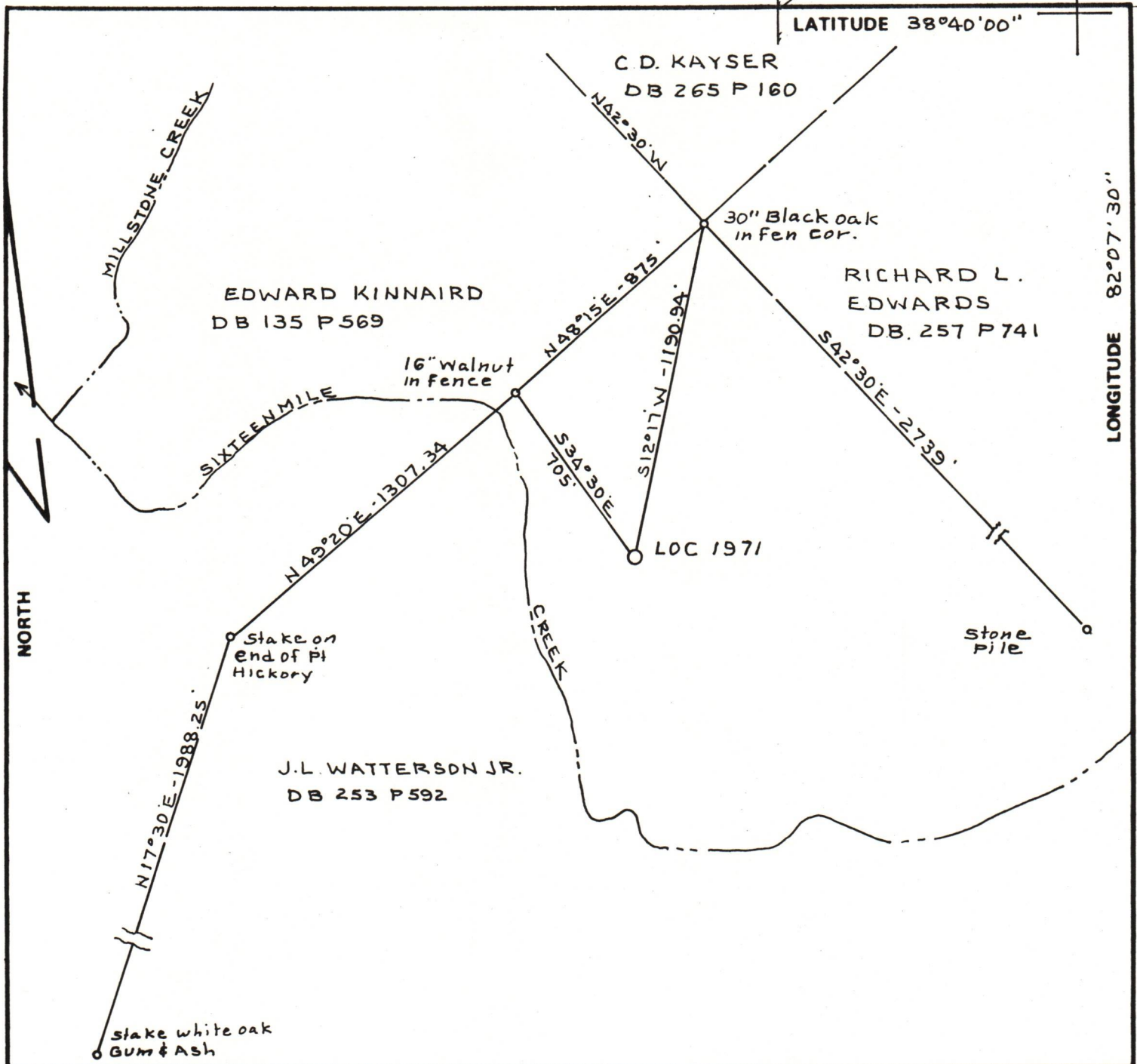
STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 579.87 WATERSHED SIXTEENMILE CREEK  
 DISTRICT CLENDENIN COUNTY MASON  
 QUADRANGLE APPLE GROVE 7.5'  
 SURFACE OWNER J.L. WATTERSON JR ACREAGE 824  
 OIL & GAS ROYALTY OWNER J.L. WATTERSON JR LEASE ACREAGE 824  
 LEASE NO. C-2-500

08/25/2023

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 CLINTON ESTIMATED DEPTH 4500'  
 WELL OPERATOR UNION DRILLING DESIGNATED AGENT JOSEPH VANZANT  
 ADDRESS P.O. DRAWER 40 ADDRESS P.O. DRAWER 40  
BUCKHANNON WVA 26201 BUCKHANNON WVA 26201



FILE NO. BK 81 P 54  
 DRAWING NO. \_\_\_\_\_  
 SCALE 1" = 500'  
 MINIMUM DEGREE OF ACCURACY 1:200'  
 PROVEN SOURCE OF ELEVATION USGS Forks Road 3300' North Loc E.L. 590

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) C. S. Valley Jr.  
 R.P.E. \_\_\_\_\_ L.S. 92

PLACE SEAL HERE

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



DATE NOV 30, 1983  
 OPERATOR'S WELL NO. 1971  
 API WELL NO. \_\_\_\_\_  
47 - 053 - 0329  
 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 X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 579.87 WATER SHED SIXTEENMILE CREEK  
 DISTRICT CLENDENIN COUNTY MASON  
 QUADRANGLE APPLE GROVE 7.5'  
 SURFACE OWNER J.L. WATTERSDN JR ACREAGE 824  
 OIL & GAS ROYALTY OWNER J.L. WATTERSDN JR LEASE ACREAGE 824  
 LEASE NO. C-2-500  
 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 Clinton ESTIMATED DEPTH 4500'  
 WELL OPERATOR UNION DRILLING DESIGNATED AGENT JOSEPH VANZANT  
 ADDRESS P.O. DRAWER 40 ADDRESS P.O. DRAWER 40  
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WINDON 524