



1) Date: August 26, 1983
 2) Operator's Well No. 1 - 1919
 3) API Well No. 47 - 053 - 0308
 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: 602.83 Watershed: Sixteenmile Creek
 District: Clendenin County: Mason Quadrangle: Apple Grove
- 6) WELL OPERATOR Union Drilling, Inc. 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 Name Kenneth Butcher 736-4885
 Address RFD #1
Barboursville, WV 25504
- 9) DRILLING CONTRACTOR: Name Union Drilling, Inc.
 Address P. O. Drawer 40
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
- 12) Estimated depth of completed well, 3500 feet
- 13) Approximate strata depths: Fresh, ? feet; salt, ? feet.
- 14) Approximate coal seam depths: ? Is coal being mined in the area? Yes / No /
- 15) CASING AND TUBING PROGRAM

RECEIVED
AUG 29 1983
DEPT. OF MINES
OIL & GAS DIVISION

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	9 5/8		36#	X		300	300	to surface	Kinds <u>BY</u>
Fresh water									
Coal									Sizes
Intermediate	7		20#	X		2250	2250	400 sks.	
Production	4 1/2		10.5#	X			3500	350 sks.	Depths set
Tubing									
Liners									Perforations: Top Bottom

OFFICE USE ONLY
DRILLING PERMIT

Permit number 47-053-0308

Date September 26, 19 83

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 September 26, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>B</u>	Agent: <u>[Signature]</u>	Plat: <u>[Signature]</u>	Casing: <u>[Signature]</u>	Fee: <u>0002357</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) WELL LOCATION: B (Oil, Gas, Production) Shallow Deep

2) WELL OPERATOR: Union Drilling, Inc. Address: P.O. Drawer 49, Beckley, WV 26201

3) DESIGNATED AGENT: Joseph C. Vannoy, Jr. Address: P.O. Drawer 49, Beckley, WV 26201

4) PROPOSED WELL WORK: Drill Plug old formation Other physical change in well (specify):

5) GEOLOGICAL TARGET FORMATION: Carboniferous

6) ESTIMATED DEPTH OF COMPLETED WELL: 3500 feet

7) APPROXIMATE TRAP DEPTH: 1500 feet

8) APPROXIMATE COAL SEAM DEPTH: 1500 feet

9) CASING AND TUBING PROGRAM: (Table with columns for casing and tubing details)

RECEIVED
OIL & GAS DIVISION
DEPT. OF MINES
AUG 29 1983

OFFICE USE ONLY

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

	Date	Date(s)
Application received		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____

Reason: _____

Inspected	Checked	Approved	Permitted
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

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

08/25/2023



1) Date: August 26, 19 83
 2) Operator's Well No. 1 - 1919
 3) API Well No. 47
 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 x /
 B (If "Gas", Production x / Underground storage _____ / Deep _____ / Shallow x /)
- 5) LOCATION: Elevation: 602.83 Watershed: Sixteenmile Creek
 District: Clendenin County: Mason Quadrangle: Apple Grove
- 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 Kenneth Butcher 736-4885 Name Union Drilling, Inc.
 Address RFD #1 Address P. O. Drawer 40
Barboursville, WV 25504 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill x / Drill deeper _____ / Redrill _____ / Stimulate x /
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Devonian Shale
- 12) Estimated depth of completed well, 3500 feet
 13) Approximate strata depths: Fresh, ? feet; salt, ? feet.
 14) Approximate coal seam depths: ? Is coal being mined in the area? Yes _____ / No x /
- 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	<u>9 5/8</u>		<u>36#</u>	<u>x</u>		<u>300</u>	<u>300</u>	<u>to surface</u>	Kinds	
Fresh water									Sizes	
Coal									Depths set	
Intermediate	<u>7</u>		<u>20#</u>	<u>x</u>		<u>2250</u>	<u>2250</u>	<u>400 sks.</u>		
Production	<u>4 1/2</u>		<u>10.5#</u>	<u>x</u>			<u>3500</u>	<u>350 sks.</u>		
Tubing									Perforations:	
Liners									Top	Bottom

INSTRUCTIONS TO COAL OPERATOR, OWNER, OR LESSEE

The 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 the filing of the Application.

WAIVER

The undersigned coal operator _____ / owner _____ / lessee _____ / of the coal under this well location has examined this proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the mine map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with all applicable requirements of the West Virginia Code and the governing regulations.

Date: _____, 19 _____ By _____
 Its _____

08/25/2023
 Coal Owner



1) Date: August 26, 1983
 2) Operator's Well No. 1 - 1919
 3) API Well No. 47
 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 x /
 B (If "Gas", Production x / Underground storage _____ / Deep _____ / Shallow x /)
- 5) LOCATION: Elevation: 602.83 Watershed: Sixteenmile Creek
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 Address P. O. Drawer 40 Address P. O. Drawer 40
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Conductor	<u>9 5/8</u>		<u>36#</u>	<u>x</u>		<u>300</u>	<u>300</u>	<u>to surface</u>	Kinds
Fresh water									
Coal									Sizes
Intermediate	<u>7</u>		<u>20#</u>	<u>x</u>		<u>2250</u>	<u>2250</u>	<u>400 sks.</u>	
Production	<u>4 1/2</u>		<u>10.5#</u>	<u>x</u>			<u>3500</u>	<u>350 sks.</u>	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

The law requires a comment period for surface owners. However, the permit can be issued in less than 15 days from the filing of the Application if the surface owner(s) of record sign(s) the following "Voluntary Statement of No Objection" on a facsimile of this surface owner's copy of the Application.

VOLUNTARY STATEMENT OF NO OBJECTION

I hereby state that I have read the instructions to surface owners on the reverse side of this Application for a Well Work Permit, and that I have received copies of (1) a Notice of Application for a Well Work Permit on Form IV-2(A), (2) an Application for a Well Work Permit on Form IV-2(B), (3) a survey plat on Form IV-6, and (4) a Construction and Reclamation Plan on Form IV-9, all for proposed well work on my surface land as described therein.

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued based on those materials.

(For execution by corporation, partnership, etc.)

(For execution by natural persons)

NAME: _____

(Signature) Date: _____

By [Signature] _____

(Signature) Date: _____

Its _____ Date _____

08/25/2023
Surface Owner

**INSTRUCTIONS TO SURFACE OWNERS
AND
EXPLANATION OF METHODS AND TIME LIMITS TO COMMENT
ON OIL AND GAS WELL WORK PERMIT**

The well operator named in the Notice and this Application and the attached materials is applying for a permit from the State to do oil or gas well drilling or other well work. You are being served with these materials because surface owners have the right to file comments before the permit is issued. (**NOTE:** If the surface tract is owned by more than three persons, in multiple heirship for example, then these materials were served on you because your name appeared on the Sheriff's tax ticket on the land or because you actually occupy the surface tract. In either case, you may be the only owner who will actually receive these materials.) See Chapter 22, Article 4 of the W. Va. Code. Permits are valid for 24 months.

If you do not own any interest in the surface tract, please forward these materials to the true owner immediately if you know who it is. Also, please notify the well operator named in the materials and the Administrator of the Office of Oil and Gas in the West Virginia Department of Mines immediately.

NOTE: You are not required to file any comment at all.

Where to file comments and obtain additional information:

Administrator of the Office of Oil and Gas
West Virginia Department of Mines
1615 Washington Street East
Charleston, West Virginia 25311
(304) 348-2057

Who may file comments? If you wish to file comments, you must be an owner of record of (1) an interest in the surface tract on which the well already is or is about to be located, or (2) an interest in any other surface tract under the same oil or gas lease which will be utilized for roads or other land disturbances.

Time limits for comments. The law requires these materials to be delivered on or before the date the operator files his Application. You have **FIFTEEN (15) DAYS** after the filing date to file your comments as provided in **Methods for Filing Comments** below. You may call the Administrator's office at the above telephone number to be sure of the date. However, if you have been contacted by the well operator, and if you have signed a "voluntary statement of no objection" to any of the planned work described in these materials, then the permit may be issued at any time.

Comments must be in writing. Your comments must include your name, address and telephone number, the well operator's name and well number, and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Methods for filing comments. Comments must be filed in person or received in the mail at the Administrator's office by the time stated above. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling.

The Administrator for Oil and Gas has the power to deny or condition a well work permit based on your comments on the following grounds:

- “(1) The proposed well work will constitute a hazard to the safety of persons; or
- “(2) The plan for soil erosion and sediment control is not adequate or effective; or
- “(3) Damage would occur to publicly owned lands or resources; or
- “(4) The proposed well work fails to protect fresh water sources or supplies.”

If you want a copy of the permit as it is finally issued, or a copy of the order denying the permit, you should request a copy from the Administrator.

List of Water Testing Laboratories. The Administrator maintains a list of water testing laboratories which you can hire to test your water to establish water quality prior to and after drilling. Contact the Administrator's office or an Oil and Gas Inspector to obtain a copy of the list.



IV-9
(Rev 8-81)

DATE August 24, 1983

WELL NO. 1919

API NO. 47-053-0308

State of West Virginia

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Union Drilling, Inc.

DESIGNATED AGENT Joseph C. Vanzant, Jr.

Address P O Drawer 40, Buckhannon W V 26201

Address P O Drawer 40, Buckhannon W V 26201

Telephone (304) 472-4610

Telephone (304) 472-4610

LANDOWNER Edward Kinnard, et ux

SOIL CONS. DISTRICT Western

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

This plan has been reviewed by Western SCD. All corrections and additions become a part of this plan: Aug 24, 1983 (Date)

Leslie Rayburn
(SCD Agent)

ACCESS ROAD

LOCATION

Structure 18" CMP culvert w/rip rap (A)

Structure Drill pit (1)

Spacing at County Road

Material Earth

Page Ref. Manual 1:8

Page Ref. Manual _____

Structure Ditch relief cross drain (B)

Structure _____ (2)

Spacing 245'

Material _____

Page Ref. Manual 1:6

Page Ref. Manual _____

Structure Roadway ditch (C)

Structure _____ (3)

Spacing As needed

Material OIL & GAS DIVISION

Page Ref. Manual _____

Page Ref. Manual DEPT. OF MINES

RECEIVED

AUG 29 1983

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

Lime 3 Tons/acre

or correct to pH 6.5

or correct to pH 6.5

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

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

Mulch Hay or straw 2 Tons/acre

Mulch Hay or straw 2 Tons/acre

Seed* Orchard grass 30 lbs/acre

Seed* Orchard grass 30 lbs/acre

Red clover 4 lbs/acre

Red clover 4 lbs/acre

Ladino clover 2 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.

Ronald L. Eastham

PLAN PREPARED BY Ronald L. Eastham & Associates

ADDRESS P.O. Box 1544

08/25/2023

Huntington, WV 25716

PHONE NO. 304/525-3171

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

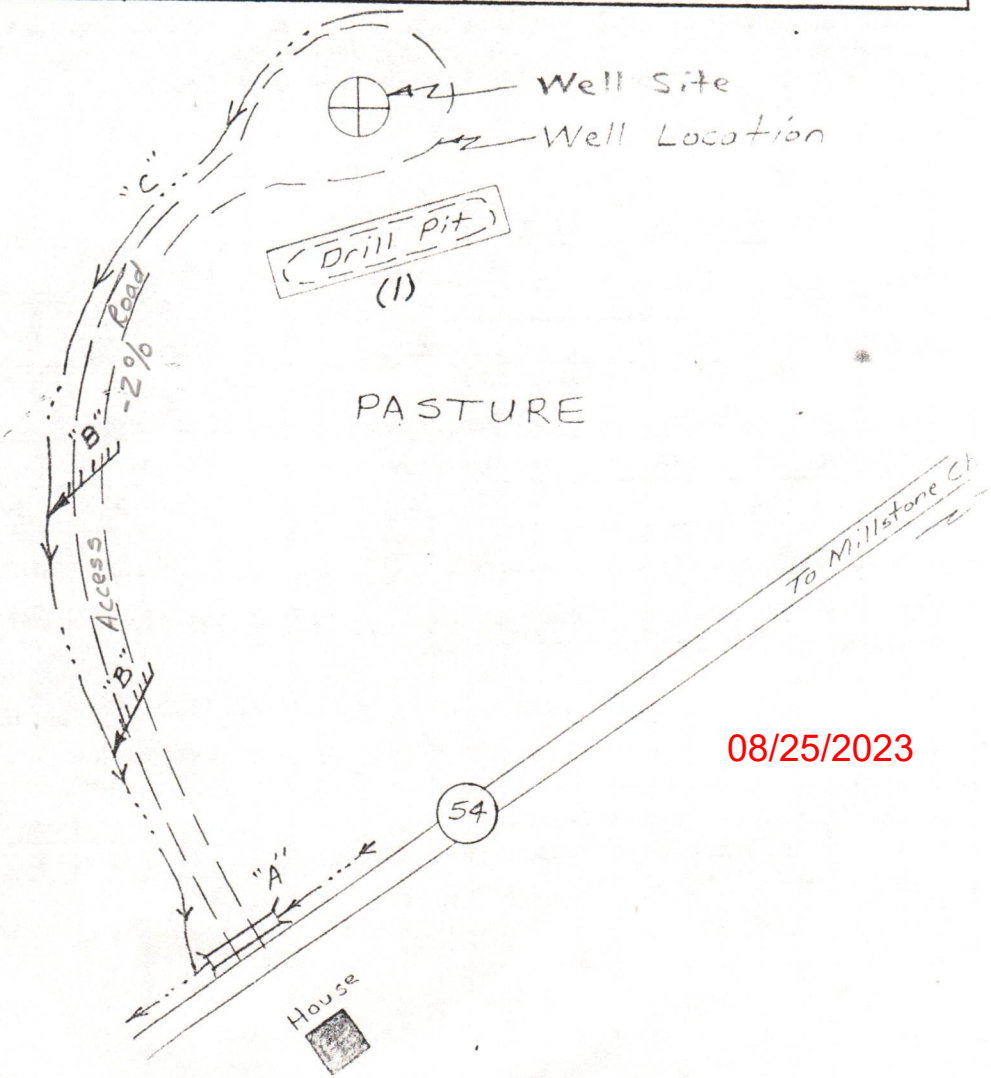
ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Apple Grove, WV

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	—▲—▲—▲—▲—▲—▲—
Road	== == == == ==
Existing fence	—x—x—x—x—
Planned fence	—/—/—/—/—/—/—/—/—/—
Stream	~ ~ ~ ~ ~
Open ditch	—>—>—>—>—>—>—>—>—>—
Diversion	//// //// //// //// ////
Spring	○→
Wet spot	♂
Building	■
Drain pipe	—○→○→○→○→
Waterway	←≡≡≡≡≡



08/25/2023



1794

BM 582

1732

1791

1790

1527 WM

Substation

Beale Chapel Cem

Cem

Substa

BM 568

Mercers Bottom

BM 583

BM 556

Cem

Sixteenmile

HANNAN

Stover

Ashton

Mile 283

BM 561

08/25/2023

RECEIVED
AUG 29 1983
OIL & GAS DIVISION
DEPT. OF MINES

08/25/2023

1) Date: August 26, 1983
2) Operator's Well No. 1 - 1919
3) API Well No. 47
State County Permit

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES, OFFICE OF OIL & GAS
NOTICE OF APPLICATION FOR A WELL WORK PERMIT

4) SURFACE OWNER(S) OF RECORD TO BE SERVED

(i) Name Edward E. & Hazel Kinnard
Address Apple Grove, WV 25502

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5(i) COAL OPERATOR _____
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name Edward E. & Hazel Kinnard
Address Apple Grove, WV 25502

Name _____
Address _____

5(iii) COAL LESSEE WITH DECLARATION ON RECORD:
Name _____
Address _____

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

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

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

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

6) EXTRACTION RIGHTS

Check and provide one of the following:

Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil or gas.

The requirement of Code 22-4-1-(c) (1) through (4). (See reverse side for specifics.)

7) ROYALTY PROVISIONS

Is the right to extract, produce or market the oil or gas based upon a lease or leases or other contract or contracts providing for flat well royalty or any similar provision for compensation to the owner of the oil or gas in place which is not inherently related to the volume of oil or gas so extracted, produced or marketed? Yes No XX

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

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

The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by

Joseph C. Felley
this 26 day of August, 19 83.

My commission expires May 22, 19 89.

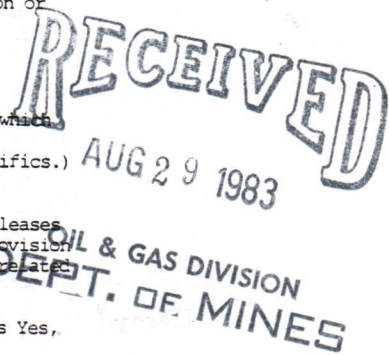
Sharon L. Kelley
Notary Public, Upshur County,
State of West Virginia

WELL OPERATOR UNION DRILLING, INC.

By Joseph C. Felley
Its _____
Address P. O. Drawer 40
Buckhannon, WV 26201
Telephone (304) 472-4610

COMMISSIONED AS
SHARON L. KELLEY

08/25/2023



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
- 3) To be filled out
- 4) & 5) Use separate sheets
- 4) Surface owner (see also Code § 22-4-10, "co-owners of interests in such lands")
- 5(i) "Coal Operator" corporation
- 5(ii, iii) See Code § 22-4-10
- 6) See Code § 22-4-10, continuing contract provided below.
- 7) See Code § 22-4-10

CONCERNING THE REQUIRED

Filing. Code § 22-4-10 requires two copies of the Notice accompanied by (i) a plat of the forms prescribed by Code § 22-4-1k(d) 23, (iv) unless provided and 22-3-12a, and (v) owner of any water

Service. In addition with an interest in

IN LIEU

Under the oath I depose and say that

- (1) the tract of land applies, partly Construction and

- (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
Edward E. & Hazel Kinnard	Cyclops Corporation	1/8th	46	487
Cyclops Corp.	Union Drilling, Inc.		49	507

PS Form 3811, July 1982

● SENDER: Complete items 1, 2, 3, and 4.
Add your address in the "RETURN TO" space on reverse.

(CONSULT POSTMASTER FOR FEES)

1. The following service is requested (check one).

Show to whom and date delivered \$

Show to whom, date, and address of delivery .. \$

2. RESTRICTED DELIVERY \$
(The restricted delivery fee is charged in addition to the return receipt fee.)

TOTAL \$ _____

3. ARTICLE ADDRESSED TO:
Mr. & Mrs. Edward E. Kinnard
Apple Grove, WV 25502

4. TYPE OF SERVICE:	ARTICLE NUMBER
<input type="checkbox"/> REGISTERED <input type="checkbox"/> INSURED	P 311 719 272
<input checked="" type="checkbox"/> CERTIFIED <input type="checkbox"/> COD	
<input type="checkbox"/> EXPRESS MAIL	

(Always obtain signature of addressee or agent)

I have received the article described above.

SIGNATURE Addressee Authorized agent

5. DATE OF DELIVERY 8-27-83 POSTMARK (may be on reverse side)
Hazel Kinnard **AUG 27 7 37 A.M. 1983**

6. ADDRESSEE'S ADDRESS (Only if requested)

7. UNABLE TO DELIVER BECAUSE:

72 EMPLOYEE'S INITIALS
B.D.E.

★ GPO: 1982-379-593

6191 Well No. 1919

RETURN RECEIPT

however, er interests ation or r con-space quired occur- one of allowed relation § 22-4-1a(c) from the person(s) -4-2b. this Notice, , and that-- this Notice d in the



IV-35
(Rev 8-81)

RECEIVED
DEC 27 1983

OIL & GAS DIVISION
DEPT. OF MINES

State of West Virginia
Department of Mines
Oil and Gas Division

Date November 14, 1983
Operator's
Well No. 1 - 1919
Farm Edward E. Kinnard
API No. 47 - 053 - 0308

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 x / Underground Storage ___ / Deep ___ / Shallow x /)

LOCATION: Elevation: 602.83' Watershed Sixteemmile Creek
District: Clendenin County Mason Quadrangle Apple Grove

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 Edward & Hazel Kinnard
ADDRESS Apple Grove, WV 25502
MINERAL RIGHTS OWNER Same as Surface
ADDRESS _____
OIL AND GAS INSPECTOR FOR THIS WORK Jerry
Route #1, Box 101-A
Tapbaloh ADDRESS Ripley, WV 25271
PERMIT ISSUED September 26, 1983
DRILLING COMMENCED 10/22/83
DRILLING COMPLETED 10/29/83

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

Casing & Tubing	Used in Drilling	Left in Well	Cement fill up Cu. ft.
Size 20-16 Cord.			
13-10"	35'	35'	
9 5/8	756.05'	756.05'	295 cf
8 5/8			
7	1965.70'	682.15'	59 cf
5 1/2			
4 1/2	3164.30'	3164.30'	152 cf
3			128 cf squeeze job on 4 1/2"
2			
Liners used			

GEOLOGICAL TARGET FORMATION Devonian Shale Depth 3231 feet
Depth of completed well 3231 feet Rotary x / Cable Tools _____
Water strata depth: Fresh 40, 602 feet; Salt 1204 feet
Coal seam depths: none Is coal being mined in the area? no

OPEN FLOW DATA
Producing formation Devonian Shale Pay zone depth 3231 feet
Gas: Initial open flow show Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 70 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests ? hours
Static rock pressure 550 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)

MASON 308

08/25/2023

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

On 11/09/83 Dowell foam fractured the Devonian Shale (2768/3078) with 180 BBL water, 60,000# sand, 9,380 SCF Nitrogen.

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 OIL & GAS DIVISION
 DEPT. OF MINES

WELL LOG

FORMATION	COLOR	HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS
					Including indication of all fresh and salt water, coal, oil and gas
Fill			0	10	
Sand and Shale			10	1212	Damp at 40'
Big Lime			1212	1334	Water at 602 1/2" stream
Big Injun			1334	1634	Water at 1204' 3" stream
Sand and Shale			1634	1864	
Coffee Shale			1864	1876	
Berea			1876	1900	
Top of Devonian Shale to TD			1900	3231 TD	show of gas

(Attach separate sheets as necessary)

UNION DRILLING, INC.

Well Operator
 By: Joseph C. Pettey
 Date: November 14, 1983
 Joseph C. Pettey
 Vice President of Prod.
 08/25/2023

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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INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 053 308

Oil or Gas Well _____
(KIND)

Company <u>Unia</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm <u>Kimond</u>	16			Kind of Packer _____
Well No. <u>#1</u>	13			
District _____ County <u>Mason</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth _____	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 _____ bbla., 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: 102483 Ran 756' 9 5/8" pipe set at 764 KB
225 sacks new cement Halliburton
102783 Ran 490'S 7" 1965.70 set at 1975.75
Cement 30SKS Dowell,

102783
DATE

James R. Tall
DISTRICT WELL INSPECTOR

08/25/2023

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS WELLS DIVISION
INSPECTOR'S PLUGGING REPORT

Permit No. _____ Well No. _____

COMPANY _____ ADDRESS _____

FARM _____ DISTRICT _____ COUNTY _____

Filling Material Used _____

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

Drillers' Names _____

Remarks: _____

DATE I hereby certify I visited the above well on this date.

08/25/2023

DISTRICT WELL INSPECTOR

IV-20
Obverse
1-84

RECEIVED
JUN 12 1984



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
January 3, 1984

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

PERMIT NO 053-0308
FARM & WELL NO Edward Kinnard, #1-1919
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 Joseph Tephobol
DATE 6 7 84

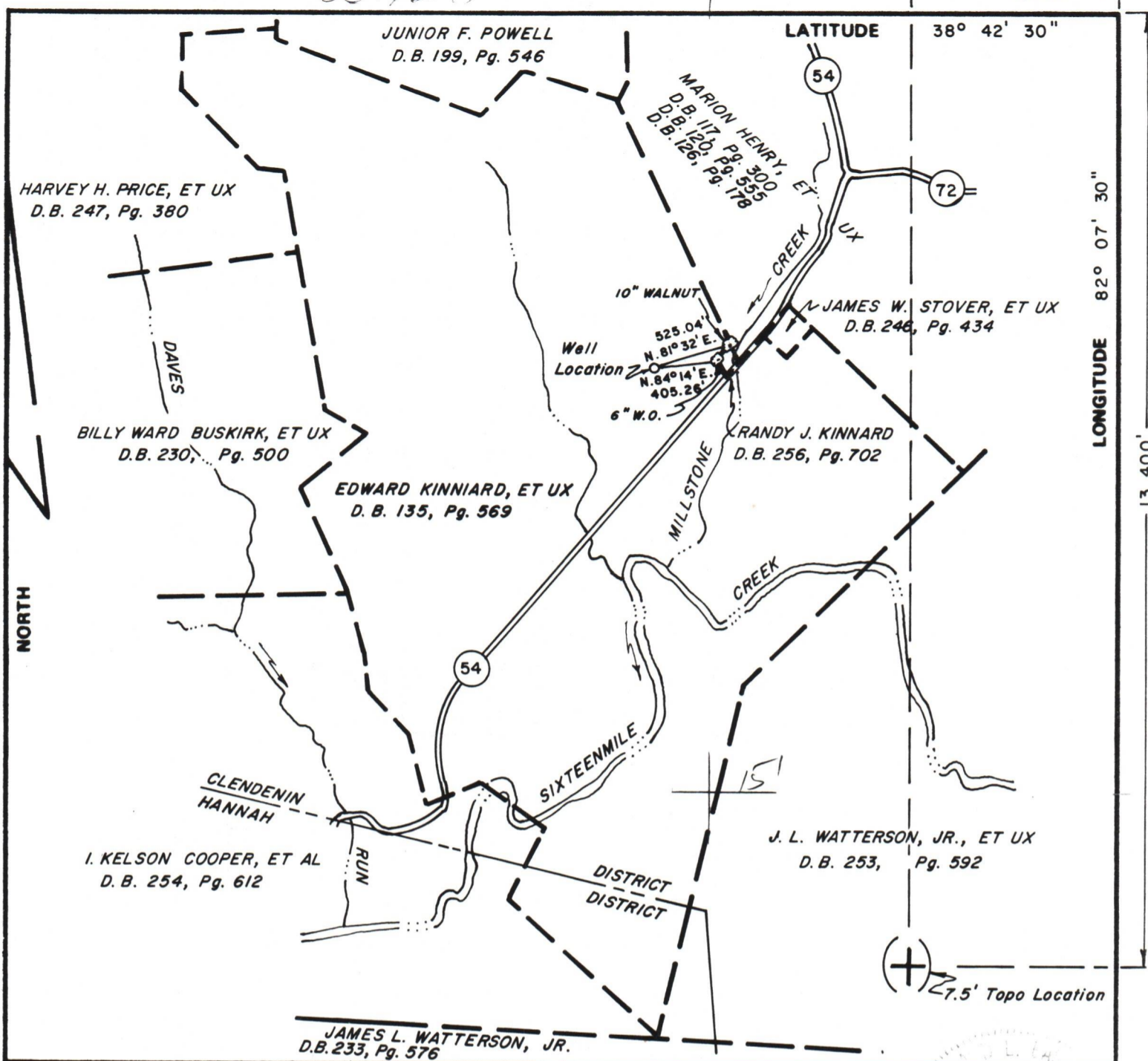
Your well record was received and reclamation requirements approved. In accordance with Chapter 22, Article 4, Section 2, the above well will remain under bond coverage for the life of the well.

T. H. ...
Administrator-Oil & Gas Division

June 27, 1984 08/25/2023
DATE

92-10

2,900'



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 1,000'
 MINIMUM DEGREE OF ACCURACY 1:200'
 PROVEN SOURCE OF ELEVATION Intersection of Sec. Rtes. 54 & 72. Elev. 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) Ronald L. Cook
 R.P.E. _____ L.L.S. 150

PLACE SEAL HERE

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



DATE July 27, 19 83
 OPERATOR'S WELL NO. 1919
 API WELL NO. 47-053-0308
 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 ___
 LOCATION: ELEVATION 602.83 WATER SHED Sixteenmile Creek
 DISTRICT Clendenin COUNTY Mason
 QUADRANGLE Apple Grove
 SURFACE OWNER Edward E. Kinnard, et ux ACREAGE 418
 OIL & GAS ROYALTY OWNER Edward E. Kinnard, et ux LEASE ACREAGE 418
 LEASE NO. _____
 PROPOSED WORK: DRILL X 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 Devonian Shale ESTIMATED DEPTH 3,500'
 WELL OPERATOR Union Drilling, Inc. DESIGNATED AGENT Joseph C. Vanzant, Jr
 ADDRESS Drawer 40 ADDRESS Drawer 40
Buckhannon, WV 26201 Buckhannon, WV 26201

08/25/2023

13 400'

LONGITUDE 82° 07' 30"

LATITUDE 38° 42' 30"

NORTH