



1) Date: March 6, 1984
 2) Operator's Well No. 1980
 3) API Well No. 47 - 053 - 0321-Rev
 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: 735.33' Watershed: Millstone 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, Clinton
 12) Estimated depth of completed well, 4500 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

CASING OR TUBING TYPE	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
	Size	Grade	Weight per ft.	New	Used			For drilling
Conductor	11-3/4		32		X	30'	30'	
Fresh water								
Coal								
Intermediate	8-5/8		23		X	1000-835'	1000-835'	
Production	4-1/2	J	10 1/2	X		4500'	4500'	to surface as required
Tubing								
Liners								

RECEIVED
 MAR 08 1984
 OIL & GAS DIVISION
 DEPT. OF MINES
 PERFORATIONS: Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-053-0321-Rev

March 12, 19 84
 Date

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 March 12, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: <u>BIB</u>	Agent: <u>MH</u>	Plat: <u>MH</u>	Casing: <u>MH</u>	Fee: <u>014 894</u>
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[Signature]
 Administrator, Office of Oil and Gas

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

File

See the reverse side of the APPLICANT'S COPY for instructions to the well operator.

08/25/2023



OFFICE USE ONLY

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

1) WELL ID: _____

2) LOCATION: _____

3) WELL OPERATOR: _____

4) OIL & GAS INSPECTOR TO BE NOTIFIED: _____

5) PROPOSED WELL WORK: _____

6) GEOLOGICAL TARGET FORMATION: _____

7) ESTIMATED DEPTH OF COMPLETED WELL: _____

8) APPROXIMATE DATA DEPTH: _____

9) APPROXIMATE COAL SEAM DEPTH: _____

10) CASING AND TUBING 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		
Well work started		
Completion of the drilling process		
Well Record received		
Reclamation completed		

OTHER INSPECTIONS

Reason: _____

Reason: _____

Board	Agent	Plan	Casing	Log
BB	MA	MA	MA	MA

08/25/2023



IV-9
(Rev 8-81)

DATE December 1, 1983

WELL NO. 1980

State of West Virginia API NO. 47-053-0321

Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

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

LANDOWNER Marlin Price 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 <u>24" CMP Culvert</u> (A)	Structure <u>Drill Pit</u> (1)
Spacing _____	Material <u>Earth</u>
Page Ref. Manual <u>2:7 2:8</u>	Page Ref. Manual _____
Structure <u>CMP Culvert 12" Min</u> (B)	Structure _____ (2)
Spacing _____	Material _____
Page Ref. Manual <u>2:7 2:8</u>	Page Ref. Manual <u>DEC 1 2 1983</u>
Structure _____ (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

RECEIVED
DEC 1 2 1983
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

Treatment Area II

Line 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

Line 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.



IV-9
(Rev 8-81)

DATE December 1, 1983
WELL NO. 1980
API NO. 47-053-0321-Rev

State of West Virginia
Department of Mines
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

COMPANY NAME Union Drilling, Inc. DESIGNATED AGENT Joseph Vanzant
Address P. O. Drawer 70 Address P. O. Drawer 70
Buckhannon, WV 26201 Buckhannon, WV 26201
Telephone 304/472-4610 Telephone 304/472-4610
LANDOWNER Marlin Price SOIL CONS. DISTRICT Western
Revegetation to be carried out by Union Drilling, Inc. (Agent)

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Leslie Rayburn
(SCD Agent)

ACCESS ROAD	LOCATION
Structure <u>24" CMP Culvert</u> (A)	Structure <u>Drill Pit</u> (1)
Spacing _____	Material <u>Earth</u>
Page Ref. Manual <u>2:7 2:8</u>	Page Ref. Manual _____
Structure <u>CMP Culvert 12" Min</u> (B)	Structure _____ (2)
Spacing _____	Material _____
Page Ref. Manual <u>2:7 2:8</u>	Page Ref. Manual _____
Structure _____ (C)	Structure _____ (3)
Spacing _____	Material _____
Page Ref. Manual _____	Page Ref. Manual _____

RECEIVED
MAR 08 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

Line	<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 Hay or Straw	<u>2</u>	Tons/acre
Seed* Orchard Grass	<u>30</u>	lbs/acre
Red Clover	<u>4</u>	lbs/acre
Ladino Clover	<u>2</u>	lbs/acre

Treatment Area II

Line	<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 Hay or Straw	<u>2</u>	Tons/acre
Seed* Orchard Grass	<u>30</u>	lbs/acre
Red Clover	<u>4</u>	lbs/acre
Ladino Clover	<u>2</u>	lbs/acre

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

PLAN PREPARED BY C. T. Tolley, Jr.

08/25/2023

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

ADDRESS 7911 Sissonville Drive
Sissonville, WV 25320
PHONE NO. 304/988-9432



1) Date: December 8, 1983
 2) Operator's Well No. 1980 (1)
 3) API Well No. 47 - 053 - 0321
 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: 735.33' Watershed: Millstone Creek
 District: Clendenin County: Mason Quadrangle: Apple Grove
- 6) WELL OPERATOR Union Drilling, Inc. Address: Post Office Drawer 40, Buckhannon, WV 26201
 7) DESIGNATED AGENT Joseph Vanzant Address: Post Office Drawer 40, Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name: Jerry Tephabock Address: Route 1, Box 101-A, Ripley, WV 25271
 9) DRILLING CONTRACTOR: Name: Union Drilling, Inc. Address: Post Office 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~~ 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

RECEIVED
 DEC 12 1983

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' 935'	1000' 935'	210 sacks	CTS NEAT
Production	4-1/2	J	10 1/2	X		3000'	3000'	640 sacks	Depths set
Tubing									or as req. by rule 15.01
Liners									Perforations:
									Top Bottom

DEPT. OF MINES

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-053-0321

December 29, 1983
 Date

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.

Bond:	Agent: <input checked="" type="checkbox"/>	Plat:	Casing	Fee
BLANKET BOND	ls	MH	MH	611 593

Margaret J. Hass
 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 OPERATOR: [Name], [Address], [City], [State], [Zip]

2) LOCATION: [District], [County], [Elevation], [Production]

3) PROPOSED WELL WORK: [Drill], [Refrill], [Stimulate]

4) OTHER PHYSICAL CHANGE IN WELL (SPECIFY): [Lower Hurch]

5) ESTIMATED DEPTH OF COMPLETED WELL: [300] feet

6) APPROXIMATE COAL BEAM DEPTH: [] feet

7) APPROXIMATE GASEOUS DEPTH: [] feet

8) 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	Plate	Casing	Fee
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08/25/2023

INSTRUCTIONS TO APPLICANT

P 471 413 854
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Delia Mae Honaker	
Street and No. 1230 Third Street	
P.O., State and ZIP Code Yuma, AZ 85364	
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	DEC 9 1983 WV

PS Form 3800, Feb. 1982

P 471 413 855
RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Marlin and Phyllis Price	
Street and No.	
P.O., State and ZIP Code Apple Grove, WV 25502	
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	DEC 9 1983 WV

PS Form 3800, Feb. 1982

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Code § § 22-4

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:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book Page
Delia Mae Honaker	Cyclops Corporation	1/8	45/368
Marlin & Phyllis Price	Cyclops Corporation	1/8	46/489
Cyclops Corporation	Union Drilling, Inc.	---	49/507

1) Date: December 8, 1983
2) Operator's Well No. 1980 (1)
3) API Well No. 47-053-0321
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 Marlin Price and/or Phyllis Price
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 Marlin and Phyllis Price
Address Apple Grove, WV 25502
Name Delia Mae Honaker
Address 1230 Third Street
Yuma, AZ 85364
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

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.

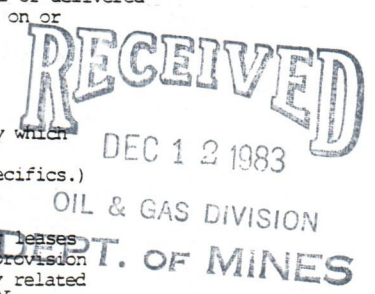
The truth of the information on the Notice and Application is verified and sworn to and the Notice is signed on behalf of the Well Operator in my County and State by Joseph C. Pettey

this 8 day of December, 1983.
My commission expires 3/3, 1991.

Notary Public, Upsbur County, State of West Virginia

WELL OPERATOR Union Drilling, Inc.

By Joseph C. Pettey
Its Vice President of Production
Address Post Office Drawer 40
Buckhannon, WV 26201
Telephone 304-472-4610



08/25/2023

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF West Virginia,
COUNTY OF Mason:

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

- (1) Notice on Form IV-2(A) / Form IV-3(A) / Form IV-4(A) /
- (2) Application on Form IV-2(B) / Form IV-3(B) / Form IV-4(B) /
- (3) Plat showing the well location on Form IV-6, and
- (4) Construction and Reclamation Plan on Form IV-9 (unless the application is to plug a well)

--all with respect to operator's Well No. 1980 located in Clendenin District, Mason County, West Virginia, upon the person or organization named--

Donald E. Long

--by delivering the same in Cabell County, State of West Virginia on the 7th day of March, 1984 in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual:

- Handing it to him / her / or, because he / she / refused to take it when I offered it, by leaving it in his / her / presence.
- Handing it to a member of his or her family above the age of 16 years named _____ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:

- Handing it to _____, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:

- Handing it to the general partner, named _____, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:

- Handing it to the corporation's employee / officer / director / attorney in fact / named _____

Patrick A. Drake
(Signature of person executing service)

Taken, subscribed and sworn before me this 8th day of March, 1991.
My commission expires November 19, 1989

Sharon L. Callahan
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)

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 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</u>	<u>Page</u>
Donald E. Long, single	Union Drilling, Inc.	1/8	56	336
Marlin Price, et. ux.	Cyclops Corporation	1/8	46	489
Cyclops Corporation	Union Drilling, Inc.	---	49	507

1) Date: March 6, 19 84
2) Operator's Well No. 1980
3) API Well No. 47-053-0321-Rev
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 Marlin Price and/or Phyllis Price
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 Marlin Price and/or Phyllis Price
Address Apple Grove, WV 25502
Name Donald E. Long
Address 218 High Street
Huntington, WV 25705
- 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

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. Pettey

this 6 day of March, 1984.

My commission expires 31st Mar, 1991.

Patrick J. Drake
Notary Public, Upshur County,
State of West Virginia

WELL

OPERATOR Union Drilling, Inc.

By

Joseph C. Pettey
Its Vice President of Production

Address Post Office Drawer 40

Buckhannon, WV 26201

Telephone 304-472-4610

RECEIVED
MAR 08 1984
OIL & GAS DIVISION
DEPT. OF MINES

08/25/2023

AFFIDAVIT OF PERSONAL SERVICE ON SURFACE OWNER

STATE OF West Virginia,
COUNTY OF Kanawha :

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

- (1) Notice on Form IV-2(A) X / Form IV-3(A) / Form IV-4(A) /
- (2) Application on Form IV-2(B) X / Form IV-3(B) / Form IV-4(B) /
- (3) Plat showing the well location on Form IV-6, and
- (4) Construction and Reclamation Plan on Form IV-9 (unless the application is to plug a well)

--all with respect to operator's Well No. 1980 located in Clendenin District, Mason County, West Virginia, upon the person or organization named--

Marlin Price and/or Phyllis Price

--by delivering the same in Mason County, State of West Virginia on the 7th day of March, 1984 in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual:

- [] Handing it to him / her / or, because he / she refused to take it when I offered it, by leaving it in his / her presence.
- [] Handing it to a member of his or her family above the age of 16 years named _____ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:

- [] Handing it to _____, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:

- [] Handing it to the general partner, named _____, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:

- [] Handing it to the corporation's employee / officer / director / attorney in fact named _____.

Patrick A. Baker
(Signature of person executing service)

✓ Taken, subscribed and sworn before me this 8th day of March, 1984.
My commission expires November 19, 1989.

Sharon L. Calloway
Notary Public

(AFFIX SEAL IF NOTARIZED IF OUTSIDE THE STATE)



1) Date: March 6, 1984
 2) Operator's Well No. 1980
 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 X / Shallow _____ /)
- 5) LOCATION: Elevation: 735.33' Watershed: Millstone 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 X / Drill deeper _____ / Redrill _____ / Stimulate X /
 Plug off old formation _____ / Perforate new formation _____ /
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Clinton
- 12) Estimated depth of completed well, 4500 feet
- 13) Approximate trata 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>11-3/4</u>		<u>32</u>		<u>X</u>	<u>30'</u>	<u>30'</u>		Kinds
Fresh water									
Coal									Sizes
Intermediate	<u>8-5/8</u>		<u>23</u>		<u>X</u>	<u>1000'</u>	<u>1000'</u>	<u>to surface</u>	
Production	<u>4-1/2</u>	<u>J</u>	<u>10 1/2</u>	<u>X</u>		<u>4500'</u>	<u>4500'</u>	<u>as required</u>	Depths set
Tubing									
Liners									Perforations:
									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: 3-7, 1984

By Marlin Price

Its _____

08/25/2023
 Coal Owner



1) Date: March 6, 19 84
 2) Operator's Well No. 1980
 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 X / Shallow _____ /)
- 5) LOCATION: Elevation: 735.33' Watershed: Millstone 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:
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 Address Route 1, Box 101-A Address Post Office Drawer 40
Ripley, WV 25271 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, Clinton
- 12) Estimated depth of completed well, 4500 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>11-3/4</u>		<u>32</u>		<u>X</u>	<u>30'</u>	<u>30'</u>		Kinds
Fresh water									
Coal									Sizes
Intermediate	<u>8-5/8</u>		<u>23</u>		<u>X</u>	<u>1000'</u>	<u>1000'</u>	<u>to surface</u>	
Production	<u>4-1/2</u>	<u>J</u>	<u>10 1/2</u>	<u>X</u>		<u>4500'</u>	<u>4500'</u>	<u>as required</u>	Depths set
Tubing									
Liners									Perforations:
									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: March - 8, 19 84

By Donald E Long
 Its _____

08/25/2023
 Coal Owner



1) Date: March 6, 1984
 2) Operator's Well No. 1980
 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 X / Shallow _____)
- 5) LOCATION: Elevation: 735.33' Watershed: Millstone 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 X / Drill deeper _____ / Redrill _____ / Stimulate X /
 Plug off old formation _____ / Perforate new formation _____
 Other physical change in well (specify) _____
- 11) GEOLOGICAL TARGET FORMATION, Clinton
 12) Estimated depth of completed well, 4500 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>11-3/4</u>		<u>32</u>		<u>X</u>	<u>30'</u>	<u>30'</u>		Kinds
Fresh water									
Coal									Sizes
Intermediate	<u>8-5/8</u>		<u>23</u>		<u>X</u>	<u>1000'</u>	<u>1000'</u>	<u>to surface</u>	
Production	<u>4-1/2</u>	<u>J</u>	<u>10 1/2</u>	<u>X</u>		<u>4500'</u>	<u>4500'</u>	<u>as required</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: _____
 By _____
 Its _____ Date _____

Marlin Pruie Date: 3-7-84
 (Signature)
 _____ Date: _____
 (Signature)

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.



STATE OF WEST VIRGINIA
 OIL AND GAS CONSERVATION COMMISSION
 CHARLESTON 25305

March 12, 1984

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

RE: APPLICATION FOR PERMIT #47- 053 - 0321 TO DRILL DEEP WELL
 COMPANY: UNION DRILLING, INC.
 FARM: MARLIN & PHYLLIS PRICE
 COUNTY: MASON DISTRICT: CLENDENIN

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

Applicant HAS HAS - HAS NOT complied with the provisions of Chapter twenty-two, 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, ***
3. *Provided a plat showing that the proposed location is a distance of 420 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: See ***

**
 053-0310 - 5050'

Very truly yours,

Brett Loffin
 Petroleum Engineer

LBL/rf

08/25/2023

IV-35
(Rev 8-81)

RECEIVED
APR 24 1984



OIL & GAS DIVISION
DEPT. OF MINES
State of West Virginia
Department of Mines
Oil and Gas Division

Date April 23, 1984
Operator's Well No. 1 - 1980
Farm Delia Honaker #1
API No. 47 - 053 - 0321

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: 735' Watershed Millstone 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 Marlin Price
ADDRESS Apple Grove, WV 25502
MINERAL RIGHTS OWNER Same
ADDRESS _____

OIL AND GAS INSPECTOR FOR THIS WORK _____
Jerry Tephacock ADDRESS Rt. 1, Box 101-A, Ripley, WV 25271
PERMIT ISSUED 3/12/80
DRILLING COMMENCED 3/30/84
DRILLING COMPLETED 4/4/84

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"			
9 5/8	905.50'		
8 5/8			
7	2087.05'	709.80'	59 cf
5 1/2			
4 1/2	3386.20'		152 cf
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Clinton Depth 4500' feet
Depth of completed well 3473' feet Rotary X / Cable Tools _____
Water strata depth: Fresh 1095' 1544' feet; Salt _____ feet
Coal seam depths: none Is coal being mined in the area? no

OPEN FLOW DATA
Producing formation Huron Pay zone depth 3204' feet
Gas: Initial open flow show Mcf/d Oil: Initial open flow _____ Bbl/d
Final open flow 84 Mcf/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 6 days ~~hours~~

Static rock pressure not taken psig (surface measurement) after _____ 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)

08/25/2023

MHS: 0321

RECEIVED
 APR 24 1984
 DEPT. OF MINES

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

Dowell - 1 stage Foam Frac - 4/14/84

Huron - 2872/3204 - 60,000# 20/40 sand, 235 Bbls water and 1,020,000 scf nitrogen

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	105	Damp @74'
Red Rock			105	310	
Sand & Shale			310	1415	1" stream water @1095'
Big Lime			1415	1476	
Big Injun			1545	1592	1" stream water @1544'
Sand & Shale			1592	1988	
Berea			1988	2013	
Upper Huron			2870	2884	
Lower Huron			2920	3208	
				3473	T.D. gas show

(Attach separate sheets as necessary)

UNION DRILLING, INC.

Well Operator

By: Joseph C. Pettey

08/25/2023

Date: Joseph C. Pettey, Vice President of Production

4/23/84

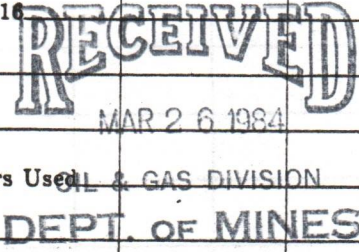
Note: Regulation 2.02(i) provides as follows:
 "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including ... encountered in the drilling of a well."

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

INSPECTOR'S WELL REPORT

Permit No. 053 0321

Oil or Gas Well _____
(KIND)

Company <u>Union Drilling</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
	Address _____	Size		
Farm _____	16			
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			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.				
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: _____

Starting to build road

3 23 84
DATE

Jerry T. ... 08/25/2023

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

RECEIVED
APR 1 1 1964

OIL & GAS DIVISION
DEPT. OF MINES

INSPECTOR'S WELL REPORT

Permit No. 053 0321

Oil or Gas Well _____
(KIND)

Company <u>Union Drilling</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			Kind of Packer _____
Farm _____	16			
Well No. _____	13			Size of _____
District _____ County <u>Cabell</u>	10			
Drilling commenced _____	8 1/4			Depth set _____
Drilling completed _____ Total depth _____	6 5/8			
Date shot _____ Depth of shot _____	5 3/16			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	3			
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:

3 30 84 Spud Date
4 1 84 TD (95/8 ran 24 jts for 905.50 feet cement Dowell 230 sacs.
4 2 84 Drilling at 2043 feet.

4 2 84
DATE

George E. Taylor
08/25/2023



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

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
May 1, 1984

COMPANY Union Drilling, Inc.

PERMIT NO 053-0321 3/84

P. O. Drawer 40

FARM & WELL NO Delia Honaker #1

Buckhannon, West Virginia 26201

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 Strength	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

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

SIGNED *James R. Tophel*
DATE 8-9-85

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

August 24, 1984
DATE 08/25/2023

**UNION DRILLING, INC.**Drawer 40
Buckhannon, WV 26201**DRILLING CONTRACTORS
PRODUCERS OF OIL AND GAS**

February 29, 1984

Office of Oil and Gas
Department of Mines
1615 Washington Street East
Charleston, WV 25311-2192Re: Permit No. 47-053-0321
UDI Well No. 1980

Gentlemen:

Attached please find a copy of "Consent and Easement for Deep Well for the Production of Oil and Gas". Union Drilling, Inc. intends to drill the subject well to a depth of approximately 4,500 feet to the Clinton Formation.

Thank you 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.

Patrick A. Brake
Land, Lease and Right-of-WayPAB;cka
Enclosure

08/25/2023

CONSENT AND EASEMENT
FOR
DEEP WELL FOR THE PRODUCTION
OF OIL AND GAS

THIS AGREEMENT, Made and entered into this 23rd day of February, 1984, by and between Marlin F. Price and Phyllis A. Price, his wife, party of the first part, and UNION DRILLING, INC., P. O. Drawer 40, Buckhannon, West Virginia 26201, party of the second part.

WITNESSETH: That the party of the first part for and in consideration of the sum of One Dollar (\$1.00) to them in hand paid by the party of the second part, the receipt of which is hereby acknowledged, by these presents do consent and grant unto the said party of the second part, its successors and assigns a surface easement for the location of said deep well or wells, together with all necessary rights and privileges pertaining thereto, on the surface of a certain tract or parcel of land situated in Clerdenin District, Mason County, West Virginia, containing 126 acres, more or less, and more fully bounded as follows:

On the ~~North~~^{South} by the lands of Junior Powell ;
On the East by the lands of M. Hill; B. Duncan; Clayton Est. ;
On the ~~West~~^{North} by the lands of Lassen Foundation ;
On the ~~South~~^{West} by the lands of Junior Powell .

WHEREAS, Cyclops Corporation has assigned, transferred, and set over unto the party of the second part, without warranty, all of that certain oil and gas associated with hereinabove described tract of land, together with all rights and privileges therein contained; and

WHEREAS, party of the second part proposes to drill oil and gas well or wells to a deep zone or formation within the meaning of West Virginia Code 22-4A-2(a) and (13); and

WHEREAS, West Virginia Code Chapter 22, Article 4A, Section 7(b)(4) requires the written consent and easement therefor of all owners of the surface of such tract or parcel of land upon which a deep well is to be drilled; and

WHEREAS, the said party of the first part, for valuable consideration does hereby consent to the location, drilling, and easement thereto and

08/25/2023

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CONSENT AND EASEMENT
FOR
DEEP WELL FOR THE PRODUCTION
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THIS AGREEMENT, Made and entered into this 23rd day of February, 1984, by and between Marlin E. Price and Phyllis A. Price, his wife, party of the first part, and UNION DRILLING, INC., P. O. Drawer 40, Buckhannon, West Virginia 26201, party of the second part.

WITNESSETH: That the party of the first part for and in consideration of the sum of One Dollar (\$1.00) to them in hand paid by the party of the second part, the receipt of which is hereby acknowledged, by these presents do consent and grant unto the said party of the second part, its successors and assigns a surface easement for the location of said deep well or wells, together with all necessary rights and privileges pertaining thereto, on the surface of a certain tract or parcel of land situated in Clerdenin District, Mason County, West Virginia, containing 126 acres, more or less, and more fully bounded as follows:

On the ~~North~~^{South} by the lands of Junior Powell ;
On the East by the lands of Mitell; B. Duncan; Clayton Est. ;
On the ~~West~~^{North} by the lands of Lassen Foundation ;
On the ~~South~~^{West} by the lands of Junior Powell .

WHEREAS, Cyclops Corporation has assigned, transferred, and set over unto the party of the second part, without warranty, all of that certain oil and gas associated with hereinabove described tract of land, together with all rights and privileges therein contained; and

WHEREAS, party of the second part proposes to drill oil and gas well or wells to a deep zone or formation within the meaning of West Virginia Code 22-4A-2(a) and (13); and

WHEREAS, West Virginia Code Chapter 22, Article 4A, Section 7(b)(4) requires the written consent and easement therefor of all owners of the surface of such tract or parcel of land upon which a deep well is to be drilled; and

WHEREAS, the said party of the first part, for valuable consideration 08/25/2023 does hereby consent to the location, drilling, and easement thereto and

therefrom, of Union Drilling, Inc. Well No. 1980 upon heretofore described real estate and now desires to provide written documentation of the same to comply with the aforementioned Code provisions.

The said party of the first part further grants and conveys to Union Drilling, Inc., its successors and assigns, a right of way or easement for ingress and egress to and from said well location at the location on the surface as has been heretofore agreed upon by the parties, together with full and unrestricted rights and privileges to use said right of way or easement for any and all necessary purposes in connection with the drilling, fracturing, operating and maintenance of said deep well. It is expressly understood and agreed that Union Drilling, inc., its successors and assigns, shall have the right to grade, drain and rock or otherwise improve said right of way or easement and to operate men and equipment thereover, with the width of said right of way to be such width as may be reasonably necessary for such purposes. As part of the consideration for this easement, Union Drilling, Inc., covenants, warrants, and agrees that, upon completion of its drilling operations for said deep well, it will place the traveled portion of said easement in a passable condition.

Union Drilling, Inc. covenants and warrants that it will restore any surface which is disturbed in connection with its drilling operations upon the premises in accordance with the terms of its drilling permit and the laws of the State of West Virginia. Union Drilling, Inc., agrees to repair or replace any fences which are damaged.

WITNESS the following signatures and seals this 23^d day of February, 1984.

Marlin Price

Phyllis Price

08/25/2023

STATE OF WEST VIRGINIA,

COUNTY OF Mason, TO-WIT:

I, Patrick A. Brake, a Notary Public in and for the County and State aforesaid, do certify that Marlin F. Price and Phyllis A. Price, his wife, whose name is signed to the writing attached hereto, bearing date the 23rd day of February, 1984, has this day acknowledged the same before me in my said County and State.

Given under my hand this 23rd day of February, 1984.
My commission expires 3rd March 1991.

Patrick A. Brake
Notary Public

1984 FEB 29 11:02 AM

This Instrument Was Prepared by
Patrick A. Brake
Union Drilling, Inc.
P. O. Drawer 40
Buckhannon, WV 26201

STATE OF WEST VIRGINIA,
County of Mason, to-wit:
I, JOSEPHINE T. HANES, Clerk of the County Commission of said County, do hereby certify that the foregoing writing was this day produced to me in my said office, and together with the certificate thereto annexed, was duly admitted to record therein.

Given under my hand this 10:02 Am
29 day of Feb 1984
Josephine T. Hanes Clerk.

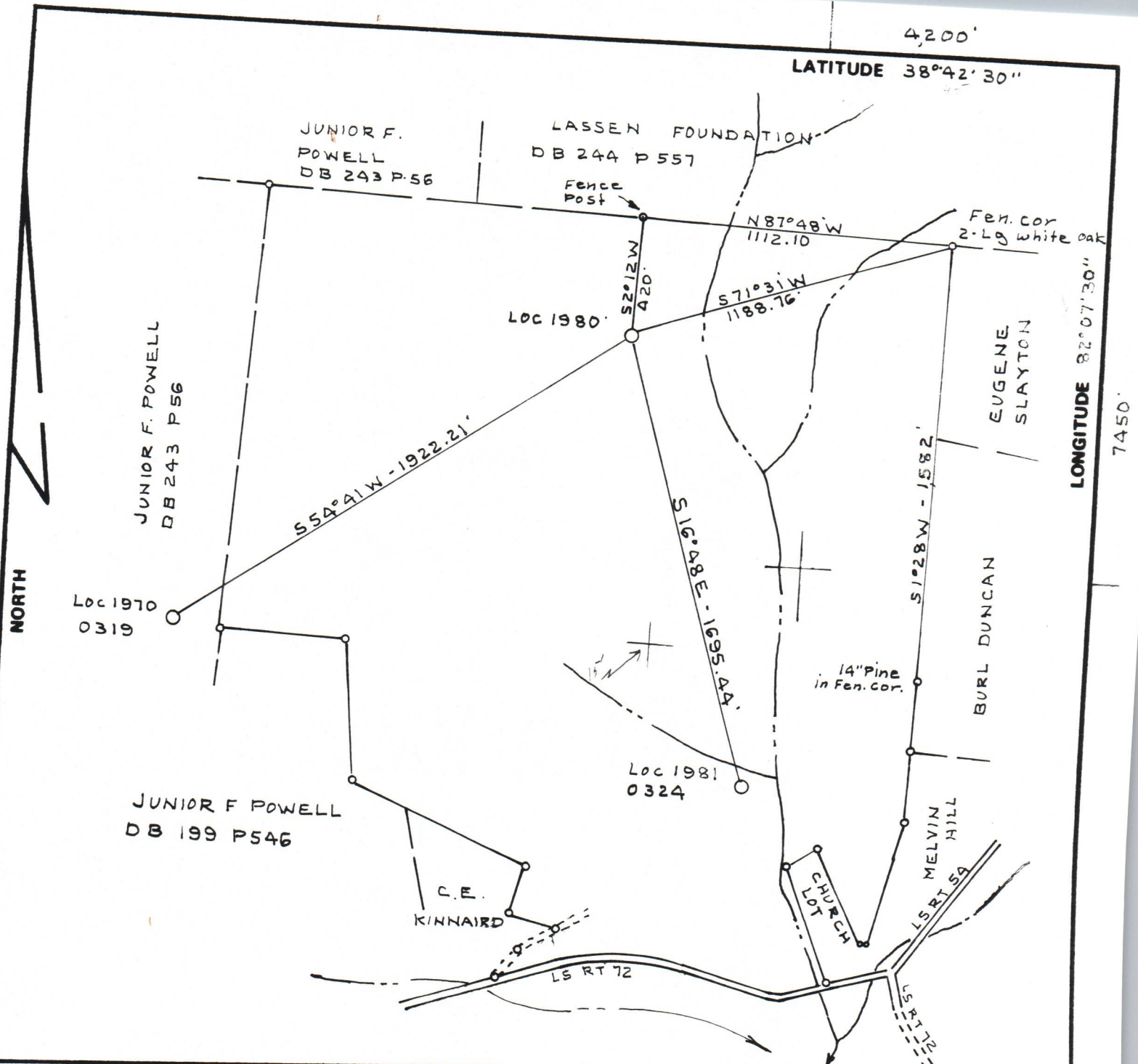
C. & H. #81343

STATE OF WEST VIRGINIA, COUNTY OF MASON, TO WIT:
IN THE OFFICE OF THE CLERK OF THE COUNTY COMMISSION:

I, JOSEPHINE T. HANES, CLERK OF THE COUNTY COMMISSION IN AND FOR THE COUNTY OF MASON, STATE OF WEST VIRGINIA, HAVING A SEAL, HEREBY CERTIFY THE ABOVE AND FOREGOING TO BE A FULL, TRUE AND COMPLETE PHOTOCOPY OF THE ORIGINAL PAPER AS ON RECORD IN THIS OFFICE.

GIVEN UNDER MY HAND AND THE SEAL OF SAID OFFICE AT THE CITY OF POINT PLEASANT, COUNTY OF MASON, AND THE STATE OF WEST VIRGINIA, THIS 29 DAY OF Feb 1984.

Josephine T. Hanes CLERK
68725/2023



FILE NO. BK81 P35
 DRAWING NO. _____
 SCALE 1"=500'
 MINIMUM DEGREE OF ACCURACY 1:200'
 PROVEN SOURCE OF ELEVATION Road Forks
2600' S.E. of Loc.
E.L. 610.00'

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. Y. Solley Jr.
 R.P.E. _____ L.L.S. 92

PLACE SEAL HERE

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



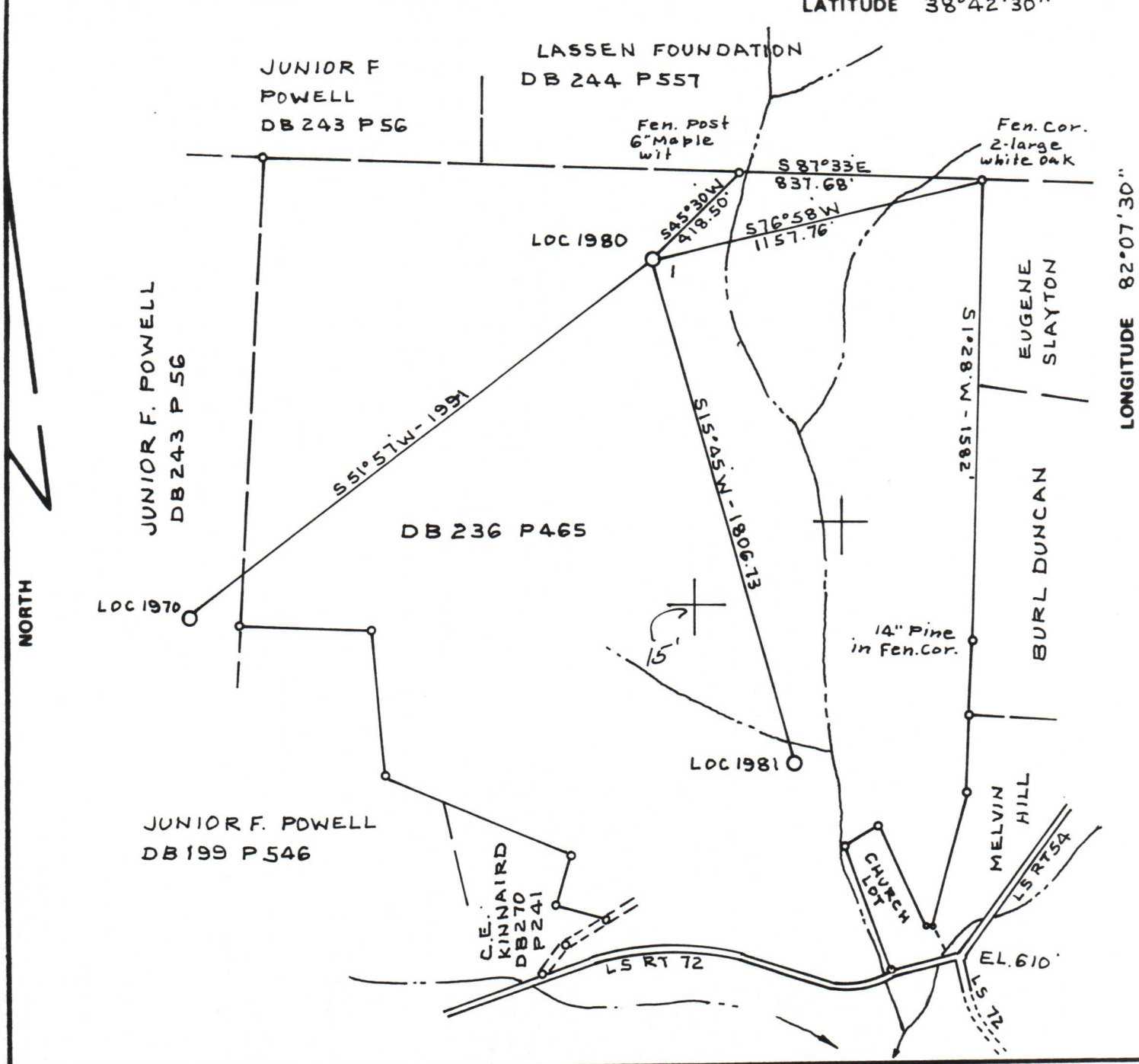
DATE MARCH 7, 1983
 OPERATOR'S WELL NO. 1980 (1)
 API WELL NO. _____
47-053-0321-Rev.
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION STORAGE ___ DEEP SHALLOW ___
 LOCATION: ELEVATION 720.00' WATER SHED MILLSTONE CREEK
 DISTRICT CLENDENIN COUNTY MASON
 QUADRANGLE APPLE GROVE 7.5'
 SURFACE OWNER MARLIN PRICE ACREAGE 126
 OIL & GAS ROYALTY OWNER DELLA HONAKER, ETAL LEASE ACREAGE 126
 LEASE NO. C-2-174

08/25/2023

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



FILE NO. BK81 P 35
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1:200'
 PROVEN SOURCE OF ELEVATION Road Forks
2600' S.E. of Loc.
EL. 610.00'

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)



STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

DATE NOV 29, 1983
 OPERATOR'S WELL NO. 1980 (1)
 API WELL NO. _____
47 - 053 - 0321
 STATE COUNTY PERMIT

WELL TYPE: OIL ___ GAS X LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS,") PRODUCTION X STORAGE ___ DEEP ___ SHALLOW X
 LOCATION: ELEVATION 735.33 WATERSHED MILLSTONE CREEK
 DISTRICT CLENDENIN COUNTY MASON
 QUADRANGLE APPLE GROVE 7.5'
 SURFACE OWNER MARLIN PRICE ACREAGE 126
 OIL & GAS ROYALTY OWNER DELLA HONAKER, ETAL LEASE ACREAGE 126
 LEASE NO. C-2-174
 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) _____
08/25/2023
 PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION DEVONIAN SHALE ESTIMATED DEPTH 3000
 WELL OPERATOR UNION DRILLING DESIGNATED AGENT JOSEPH VANZANT
 ADDRESS P.O. DRAWER 40 ADDRESS P.O. DRAWER 40
BUCKHANNON, W.VA 26201 BUCKHANNON WVA 26201