



1) Date: January 20, 1984
 2) Operator's Well No. 1932
 3) API Well No. 47 - 023 - 0007
 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: 2705.65' Watershed: High Ridge Run
 District: Milroy County: Grant Quadrangle: Hopeville
- 6) WELL OPERATOR Union Drilling, Inc.
 Address Post Office Drawer 40
Buckhannon, WV 26201
- 7) DESIGNATED AGENT Joseph C. Vanzant, Jr.
 Address Post Office Drawer 40
Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED
 Name Phillip Tracy
 Address Forest Festival Terrace, Apt. 24
Elkins, WV 26241
- 9) DRILLING CONTRACTOR:
 Name Union Drilling, Inc.
 Address Post Office Drawer 40
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, Oriskany
- 12) Estimated depth of completed well, 9500 feet
- 13) Approximate strata depths: Fresh, ? feet; salt, ? feet.
- 14) Approximate coal seam depths: ? Is coal being mined in the area? Yes

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OIL & GAS DIVISION
 No. XX
 DEPT. OF MINES

15) CASING AND TUBING PROGRAM

CASING OR TUBING TYPE	SPECIFICATIONS					FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well		
Conductor	13-3/8		32	X		300	300	CTS MEAT	
Fresh water									
Coal									Sizes
Intermediate	9-5/8		23	X		3500'	3500'	to surface	
Production	5-1/2	J	10 1/2	X		8800'	8800'	as required	Depths set
Tubing									
Liners									Perforations:
									Top Bottom

OFFICE USE ONLY
 DRILLING PERMIT

Permit number 47-023-0007 Date January 23, 1984

This permit covering the well operator and well location shown below is evidence of permission granted to drill in accordance with the pertinent legal requirements subject to the conditions contained herein and on the reverse hereof. **Notification must be given to the District Oil and Gas Inspector, (Refer to No. 8) Prior to the construction of roads, locations and pits for any permitted work.** In addition, the well operator or his contractor shall notify the proper district oil and gas inspector 24 hours before actual permitted work has commenced.)

The permitted work is as described in the Notice and Application, plat, and reclamation plan, subject to any modifications and conditions specified on the reverse hereof.

Permit expires January 23, 1986 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond: BLANKET	Agent: <u>lo</u>	Plat: <u>MA</u>	Casing: <u>MHJ</u>	Fee: <u>013-365-</u>
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[Signature]
 Administrator, Office of Oil and Gas

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

1) Date: January 20, 1984
2) Operator's Well No. 1932
3) API Well No. 47-023-0007
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 United States of America
Address c/o U. S. Forest Service
P. O. Box 1548, Elkins, WV 26241

(ii) Name _____
Address _____

(iii) Name _____
Address _____

5(i) COAL OPERATOR
Address _____

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
Name United States of America
Address c/o U. S. Forest Service
P. O. Box 1548, Elkins, WV 26241
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.

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OIL & GAS DIVISION

DEPT. OF MINES

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

James A. Bibby, III

this 20 day of January, 1984.

My commission expires March 3, 1991.

A. Bradford Zimmerman
Notary Public, Upshur County,
State of West Virginia

WELL OPERATOR Union Drilling, Inc.

By James A. Bibby, III
Its Land Manager

Address Post Office Drawer 40
Buckhannon, WV 26201

Telephone 304-472-4610

I N S T R U C T I O N S T O A P P L I C A N T

CONCERNING THE LINE ITEMS:

- 1) Date of Notice.
- 2) Your well name and number.
- 3) To be filled out by the Office of Oil & Gas.
- 4) & 5) Use separate sheet if necessary.
- 4) Surface owner(s) of record to be served with Notice and Application. However, see also Code § 22-4-1b(b) if "more than three tenants in common or other co-owners of interest described in subsection (a) of this section hold interests in such lands".
- 5(i) "Coal Operator" means any person, firm, partnership, partnership association or corporation that proposes to or does operate a coal mine.
- 5(ii, iii) See Code § 22-4-20.
- 6) See Code § 22-4-11(c). However, in lieu of filing the lease(s) or other continuing contract(s), the Applicant may fill out the information in the space provided below.
- 7) See Code § § 22-4-11(d, e).

CONCERNING THE REQUIRED COPIES FOR FILING AND SERVICE:

Filing. Code § 22-4-1k and Regulation 7.02 provide that the original and required copies of the Notice and Application must be filed with the Administrator, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-1k(d) and the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fees required by Code § 22-4-1a(c) and 22-3-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well on dwelling within 200 feet of the proposed well.

Service. In addition, service must be made on the surface owner(s) and the person(s) with an interest in the coal. See Code § § 22-4-1m, 22-4-2, 22-4-2a, and 22-4-2b.

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

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

Under the oath required to make the verification on the obverse side of this Notice, I depose and say that I am the person who signed the Notice for the Applicant, and that--

- (1) the tract of land is the same tract described in the Application to which this Notice applies, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

<u>Grantor, lessor, etc.</u>	<u>Grantee, lessee, etc.</u>	<u>Royalty</u>	<u>Book Page</u>
George M. Baldwin, et. ux.	L. D. Burke	1/8	10/19
L. D. Burke	Sterling Drilling		2/254
Sterling Drilling	Houston Oil & Minerals		2/258
Houston Oil & Minerals	Union Drilling, Inc.		unrecorded farmout



IV-9
(Rev 8-81)

DATE 1-11-1984

WELL NO. 1932

State of West Virginia

API NO. 47-023-0007

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, WV

Address P. O. Drawer 40, Buckhannon, WV 26201

Telephone 472-4610

Telephone 472-4610

LANDOWNER UNITED STATES OF AMERICA

SOIL CONS. DISTRICT Potomac Valley S.C.D.

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

This plan has been reviewed by PP Potomac Valley Soil Conservation SCD All corrections and additions become a part of this plan: 1/12/84 District

(Date)

John H. Wayner
(SCD Agent)

ACCESS ROAD

LOCATION

Structure Culvert Pipe (15" Min) (A)

Structure Diversion Ditch (1)

Spacing At Natural Drains

Material Earthen

Page Ref. Manual _____

Page Ref. Manual _____

Structure Cross Drains (B)

Structure _____ (2)

Spacing 250' +-

Material _____

Page Ref. Manual _____

Page Ref. Manual _____

Structure Roadway Ditch (C)

Structure _____ (3)

Spacing _____

Material _____

Page Ref. Manual _____

Page Ref. Manual _____

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

REVEGETATION

Treatment Area I

Treatment Area II

Lime 3 Tons/acre
or correct to pH 6.5

Lime 3 Tons/acre
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 2 Tons/acre

Mulch 2 Tons/acre

Seed* Ky-31 30 lbs/acre

Seed* Ky-31 30 lbs/acre

Birdsfoot 10 lbs/acre

Birdsfoot 10 lbs/acre

Domestic Rye 10 lbs/acre

Domestic Rye 10 lbs/acre

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

PLAN PREPARED BY Danny O'Meara 0008/2023

ADDRESS P. O. Drawer 40, Buckhannon, WV 26201

PHONE NO. (304) 472-4610

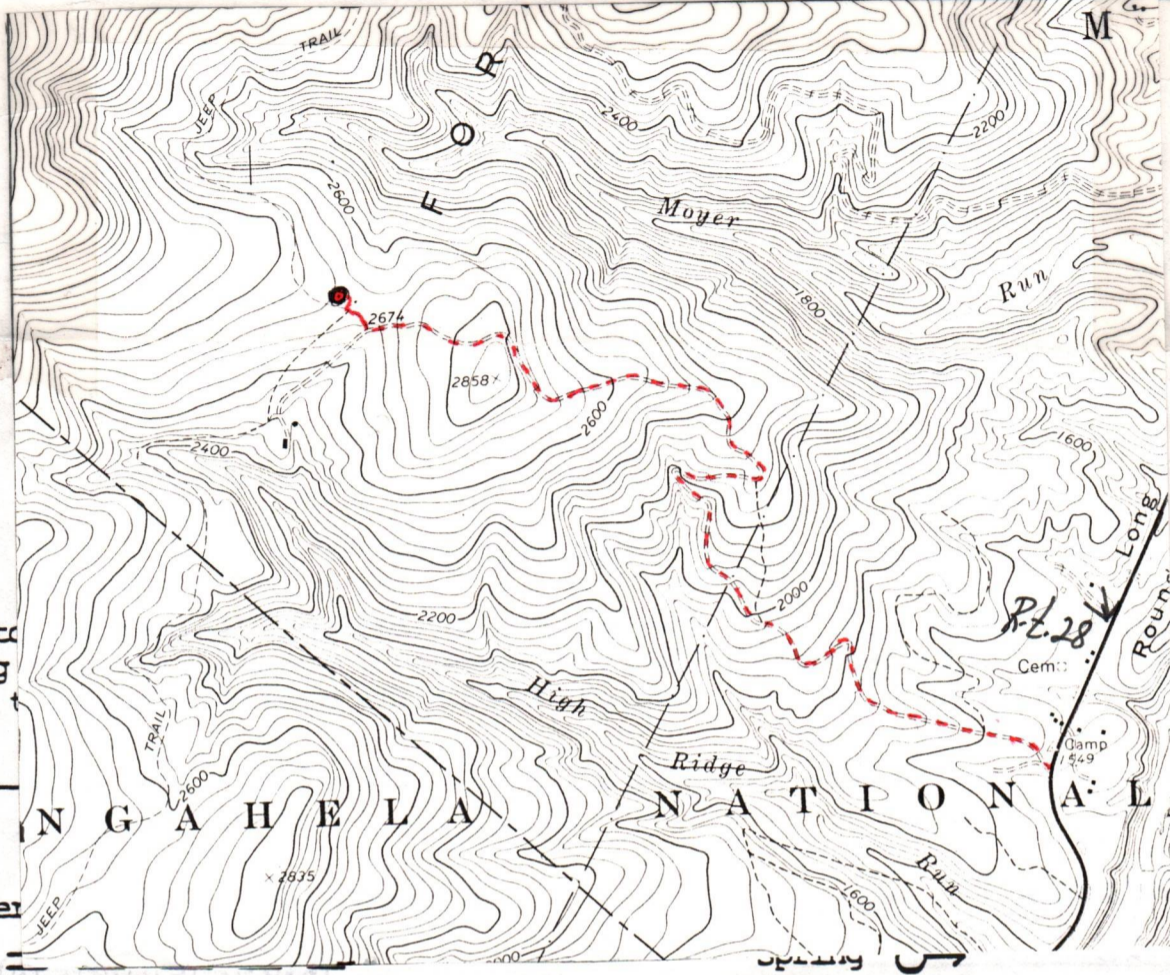
NOTES: Please request landowner's cooperation to protect new seedling for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPY SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Hopeville 7.5

LEGEND

Well Site ⊕

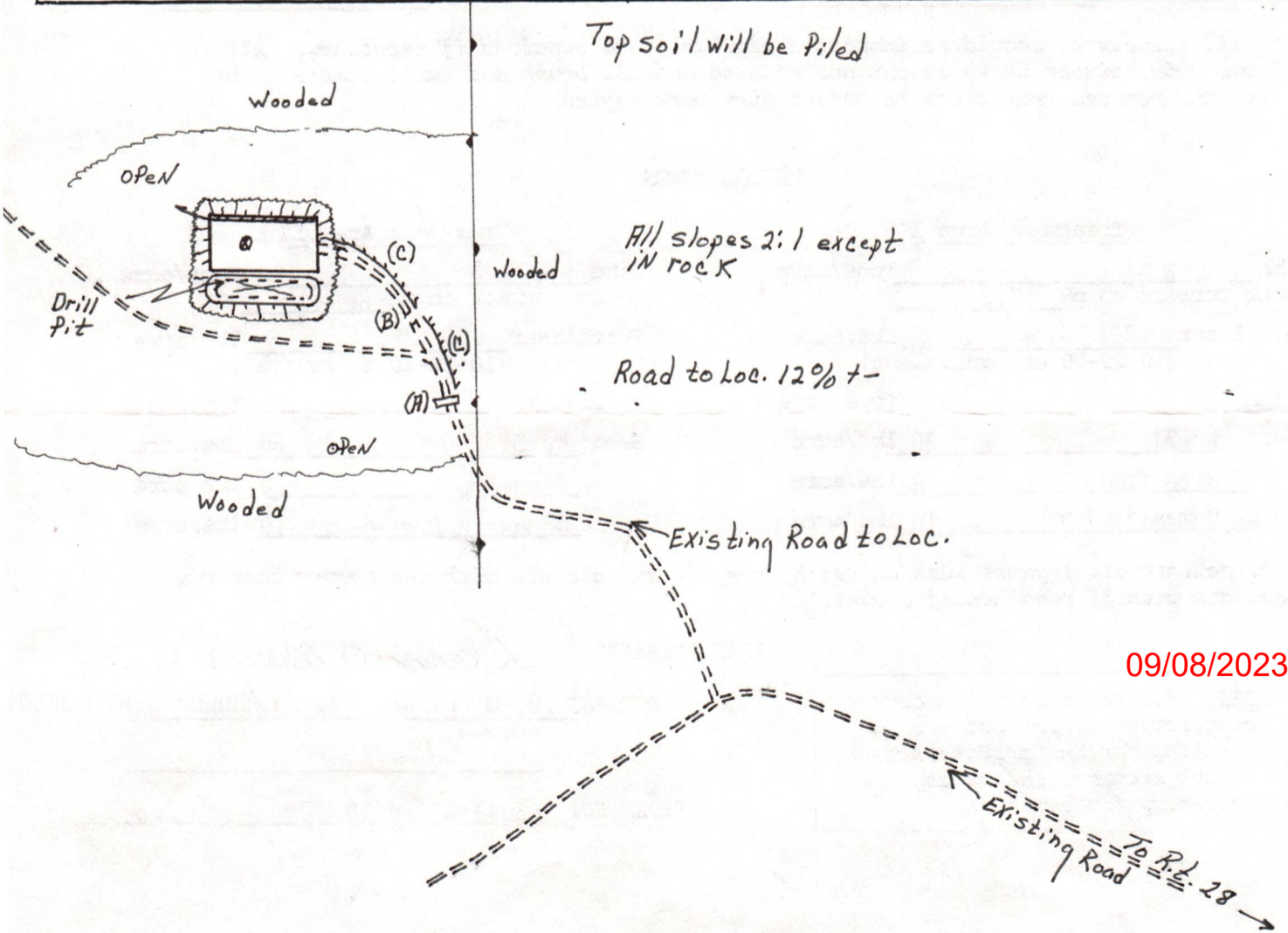
Access Road ———



Sketch to drilling part of

ted, wellsite, with the first

Proper Road	— — — — —	Spring	→
Existing fence	— x — x —	Wet spot	☉
Planned fence	— / — / —	Building	■
Stream	~ ~ ~ ~ ~	Drain pipe	— ○ — ○ —
Open ditch	— ··· — ···	Waterway	← ≡ ≡ ≡ ≡ →



09/08/2023

Inct. No. 35844

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

THIS AGREEMENT, made and entered into this 16th day of January, 1984, by and between THE UNITED STATES FOREST SERVICE, an agency of the United States Department of Agriculture, hereinafter called party of the first part, and UNION DRILLING, INC., a corporation, with principal offices at Buckhannon, West Virginia, hereinafter called party of the second part,

WHEREAS, the party of the first part is the owner of the surface of that certain tract or parcel of land, situate in Union District, Pendleton County, and Milroy District, Grant County, West Virginia, containing 1,065.58 acres, more or less, and being identified or more particularly described as United States of American National Forest Service Tract 1399;

WHEREAS, Houston Oil and Minerals Corporation, a Nevada corporation, has assigned, transferred and set over unto the said party of the second part, operating rights associated with that certain oil and gas lease on the hereinabove described tract of land, together with all rights of ingress and egress therein contained; and,

WHEREAS, party of the second part proposed to drill an oil and gas well to a deep zone or formation within the meaning of West Virginia Code 22-4A-2(1) and (13); and,

WHEREAS, West Virginia Code Chapter 22, Article 4A, Section 7(b)(4) requires that 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, has consented to the location of said deep well and easement therefor, and now desire to provide written documentation of the same to comply with the aforementioned Code provisions.

NOW, THEREFORE, THIS CONSENT AND EASEMENT WITNESSETH: That for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations, all cash in hand paid, the receipt and sufficiency of which is hereby acknowledged, the said party of the first part does hereby consent to the location upon the aforesaid real estate and the drilling by Union Drilling, Inc. of a deep well upon the aforesaid real estate and said party of the first part does hereby provide all necessary or required easements therefore.

~~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 heretofore been 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 oil or gas 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.~~

09/08/2023

As part of the consideration for this easement, Union Drilling, Inc. covenants, ~~DELETED~~ warrants and agrees that, upon completion of its drilling operations for said deep well, it will place the travel portion of said easement in a passable condition, and shall properly grade and ditch same for water drainage.

UDF
by RW

It is agreed between the parties that if either party hereto, their successors or assigns, at any time desire the last mentioned easement to be more particularly located, then Union Drilling, Inc. shall cause said right of way or easement to be surveyed and mapped, and the parties hereto, their successors or assigns, shall then enter into an agreement providing for a right of way or easement, in accordance with the terms hereof, by metes and bounds description, with plat attached.

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 permits and the laws of the State of West Virginia. Union Drilling, Inc. agrees to repair or replace any fences which are damaged, and agrees to indemnify and save harmless parties of the first part from any and all legal liability whatsoever.

WITNESS the following signatures and seals this 16th day of January, 1984.

UNITED STATES FOREST SERVICE

By: Richard C. Trochlil
Its Mineral Staff Officer

UNION DRILLING, INC.

By: Robert F. Wallace
Its Vice-President

STATE OF WEST VIRGINIA,
COUNTY OF RANDOLPH, to-wit:

I, Brent T. Scott, a Notary Public in and for said County and State, do hereby certify that Richard C. Trochlil, whose name is signed to the foregoing Consent and Easement, bearing date the 16th day of January, 1984, as Mineral Staff Officer, for THE UNITED STATES FOREST SERVICE, an agency of the United States Department of Agriculture, has this day acknowledged the same before me in my said County and State.

Given under my hand this 16th day of January, 1984.

(AFFIX OFFICIAL SEAL)

Brent T. Scott 09/08/2023
Notary Public

My commission expires: July 23, 1989

STATE OF WEST VIRGINIA,

COUNTY OF UPSHUR, to-wit;

I, James A. Bibby, III, a Notary Public in and for said County and State, do hereby certify the Robert J. Wallace, whose name is signed to the foregoing Consent and Easement, bearing date the 16th day of January, 1984, as Vice President for Union Drilling, Inc., a corporation, has this day acknowledged the same to be the act and deed of said corporation.

Given under my hand this 19th day of January, 1984.

(AFFIX OFFICIAL SEAL)

James A. Bibby, III
Notary Public
My commission expires: 3-19-91

This instrument was prepared by James A. Bibby, III, Union Drilling, Inc., Post Office Drawer 40, Buckhannon, West Virginia, 26201.

09/08/2023



STATE OF WEST VIRGINIA
OIL AND GAS CONSERVATION COMMISSION
CHARLESTON 25305

RECEIVED

JAN 23 1984

OIL & GAS DIVISION
DEPT. OF MINES

January 23, 1984

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

RE: APPLICATION FOR PERMIT #47-023 - 0007 TO DRILL DEEP WELL

COMPANY: UNION DRILLING, INC.

FARM: U. S. A.

COUNTY: GRANT DISTRICT: MILROY

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

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

1. *Provided a certified copy of duly acknowledged and recorded consent and easement form from all surface owners; Yes*
2. *Provided a tabulation of all deep wells within one mile of the proposed location, including the API number of the deep well, well name, and the name and address of the operator, and, None*
3. *Provided a plat showing that the proposed location is a distance of 430 feet from the nearest unit boundary and showing the following wells drilling to or capable of producing from the objective formation within 3,000 feet of the proposed location: None*

Very truly yours,

Brett Loflin
Petroleum Engineer

LBL/rf

09/08/2023

P 534 411 070

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

★ U.S.G.P.O. 1983-403-517

PS Form 3800, Feb. 1982

Sent to U. S. Forest Service	
Street and No. Post Office Box 1548	
P.O., State and ZIP Code Elkins, WV 26241	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to whom and Date Delivered	
Return receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date WV	

RECEIVED
JUN 23 1984

WEST VIRGINIA DEPARTMENT OF MINES
OFFICE OF OIL AND GAS
CHARLESTON, WEST VIRGINIA
INTER-OFFICE MEMORANDUM

TO: All Concerned DATE: 9/17/84
FROM: C. Milam SUBJECT: " Confidential Well Records "

PERMIT NUMBER CONFIDENTIAL TILL DATE

013-3618 ----- 12-2-84

013-3680 ----- 3-3-85

035-1905 ----- 3-17-85

023-0006 ----- 2-7-85

023-0007 ----- 5-31-85 3/1/86

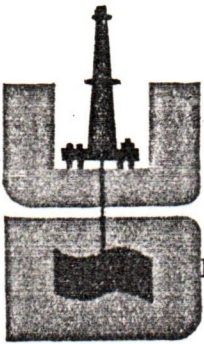
035-1940 ----- 5-2-85

083-0822 ----- 10-24-84

083-0884 ----- 3-26-85

093-0060-REV --- 4-28-85

093-0065-FRAC -- 8-11-85



UNION DRILLING, INC.

Drawer 40
Buckhannon, WV 26201

DRILLING CONTRACTORS
PRODUCERS OF OIL AND GAS

March 1, 1985

Mr. Ted Streit
West Virginia Department of Mines
Oil and Gas Division
1615 Washington Street, East
Charleston, WV 25311

RECEIVED

MAR 4 - 1985

OIL & GAS DIVISION
DEPT. OF MINES

Re: Well Confidentiality

Dear Mr. Streit,

According to West Virginia Department of Mines Oil and Gas Regulations and Laws - Code 22-4-8B, deep well confidentiality can be maintained for a maximum of three years after completion of well or date of filing of the required information to the Department of Mines.

Union Drilling, Inc. is in the process of constructing a pipeline system to transport the gas from the exploratory field in the Eastern part of West Virginia. Because of the large investment in acreage and pipeline construction we wish to continue the confidential status of the following wells:

PERMIT DATE	PERMIT #	WELL NAME AND WELL NO.	DATE COMPLETED DRILLING
05/18/82	47-083-0672	Mower Lumber Co. #5 1808	08/03/82
08/13/82	47-083-0711	Mower Lumber Co. #6 1817	10/07/82
10/13/82	47-023-0005	U.S.A. #1 1831	12/24/82
06/17/83	47-071-0010	USA #A1(E.Dolly Sods) 1880	08/29/83
10/27/83	47-023-0006	Ulysses G. Berg #1 1925	02/07/84
01/23/84	47-023-0007	East Dolly Sods #2 1932	05/31/84
02/23/84	47-023-0008	Dorothy Shreve #1 2042	05/20/84
05/10/84	47-083-0904	Mower Lumber #2A 2000	06/26/84

Thank you for your help in this matter. If you have any questions please feel free to contact me.

Sincerely,
Union Drilling, Inc.

Dean H. Bucher
Geologist

DHB/djk

Final open flow 933 Mcf/d Final open flow _____ Bbl/d
 Time of open flow between initial and final tests ? hours
 Static rock pressure 3000 psig (surface measurement) after 24 hours shut in
 (If applicable due to multiple completion--)

09/08/2023

Second producing formation _____ Pay zone depth _____ feet
 Gas: Initial open flow _____ Mcf/d Oil: Initial open flow _____ Bbl/d
 Final open flow _____ Mcf/d Oil: Final open flow _____ Bbl/d
 Time of open flow between initial and final tests _____ hours
 Static rock pressure _____ psig (surface measurement) after _____ hours shut in

(Continue on reverse side)

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

On 08/13/84 Fractured at 8410/15, 8426/27, 8434/35, 8531/32, 8536/39, 8577/78 with 2412 sks. sand, and 2620 BBL treated fluid.

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 and Shale			0	8084	At 276 1/4" water
Purcell Limestone			8084	8197	
Lower Marcellus			8197	8227	
Tioga			8227	8232	
Needmore Shale			8243	8408	
Oriskany Sandstone			8408	8608	
Helderberg Limestone			8608	TD	

MINERAL RIGHTS OWNERS
(2) tracts of Unit
U. S. of A.
c/o U. S. Forest Service
P. O. Box 1548
Elkins, WV 26241
(1) tract of Unit
Oather H. & Hazel Heavner
Route #1, Box 243
Maysville, WV 26833

(Attach separate sheets as necessary)

UNION DRILLING, INC.

Well Operator
By: Joseph C. Petty
Date: 08/22/84 Joseph C. Petty, ~~09/08/2023~~ Agent of Production

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

RECEIVED

MAY 23 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. 23-0007

Oil or Gas Well
(KIND)

Company <u>Union Drilling</u>	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Address _____	Size			
Farm _____	16			Kind of Packer _____
Well No. <u>1932</u>	13			
District <u>Murray</u> County <u>Grant</u>	10			Size of _____
Drilling commenced _____	8 1/4			
Drilling completed _____ Total depth <u>4950</u>	6 5/8			Depth set _____
Date shot _____ Depth of shot _____	5 3/16			
Initial open flow _____ /10ths Water in _____ Inch	3			Perf. top _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	2			Perf. bottom _____
Volume _____ Cu. Ft.	Liners Used			Perf. top _____
Rock pressure _____ lbs. _____ hrs.				Perf. bottom _____
Oil _____ bbls., 1st 24 hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Fresh water _____ feet _____ feet	NAME OF SERVICE COMPANY _____			
Salt water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names _____

Remarks: _____

5-15-84
DATE

Philip Tracy 09/08/2023
DISTRICT WELL INSPECTOR

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

RECEIVED

AUG - 3 1984

INSPECTOR'S WELL REPORT

OIL & GAS DIVISION
DEPT. OF MINES

Permit No. ⁰⁰⁰⁷
~~023-000~~

Oil or Gas Well _____
(KIND)

Company	CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
<u>Union Drilling</u>	Size			
Address _____	16			Kind of Packer _____
Farm _____	13			
Well No. <u>#1932</u>	10			Size of _____
District <u>MILROY</u> County <u>GRANT</u>	8 1/4			
Drilling commenced _____	6 5/8			Depth set _____
Drilling completed _____ Total depth _____	5 3/16			
Date shot _____ Depth of shot _____	3			Perf. top _____
Initial open flow _____ /10ths Water in _____ Inch	2			Perf. bottom _____
Open flow after tubing _____ /10ths Merc. in _____ Inch	Liners Used			Perf. top _____
Volume _____ Cu. Ft.				Perf. bottom _____
Rock pressure _____ lbs. _____ hrs.	CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____			
Oil _____ bbls., 1st 24 hrs.	NAME OF SERVICE COMPANY _____			
Fresh water _____ feet _____ feet	COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES			
Salt water _____ feet _____ feet	_____ FEET _____ INCHES _____ FEET _____ INCHES			
	_____ FEET _____ INCHES _____ FEET _____ INCHES			

Drillers' Names Union

Remarks: Check Reclamation - Open pits
Needs WORK -

Tracy & Beace

7/31/84
DATE

RG Beace
09/08/2023
DISTRICT WELL INSPECTOR

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

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SEP 14 1984

INSPECTOR'S WELL REPORT OIL & GAS DIVISION

DEPT. OF MINES
Oil or Gas Well (KIND)

Permit No. 023-0007

Company Union Drilling
 Address _____
 Farm (UNKNOWN)
 Well No. #1923
 District _____ County GRANT
 Drilling commenced _____
 Drilling completed _____ Total depth _____
 Date shot _____ Depth of shot _____
 Initial open flow _____ /10ths Water in _____ Inch
 Open flow after tubing _____ /10ths Merc. in _____ Inch
 Volume _____ Cu. Ft.
 Rock pressure _____ lbs. _____ hrs.
 Oil _____ bbls., 1st 24 hrs.
 Fresh water _____ feet _____ feet
 Salt water _____ feet _____ feet

CASING AND TUBING	USED IN DRILLING	LEFT IN WELL	PACKERS
Size			Kind of Packer _____
16			
13			
10			Size of _____
8 1/4			
6 5/8			Depth set _____
5 3/16			
3			Perf. top _____
2			Perf. bottom _____
Liners Used			Perf. top _____
			Perf. bottom _____

CASING CEMENTED _____ SIZE _____ No. FT. _____ Date _____
 NAME OF SERVICE COMPANY _____
 COAL WAS ENCOUNTERED AT _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES
 _____ FEET _____ INCHES _____ FEET _____ INCHES

Drillers' Names _____

Remarks: Checked reclamation: - pits filled, freshly seeded and mulched - NO API NUMBER on the well - VIOLATED 9/12

9/12/84
DATE

RG Peace - 501 -
INSPECTOR

09/08/2023

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. 023-0007

Oil or Gas Well _____
(KIND)

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

Drillers' Names _____

Remarks: Checked Rec: - Sealed & Muted - Mostly mostly
Blown off - API NO NOW ON WELL -
Issued Abatement.

10/11/84
DATE

Al Beane
INSPECTOR

09/08/2023



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

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OIL & GAS DIVISION
DEPT. OF MINES

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

COMPANY Union Drilling Inc
Buckhannon WV

PERMIT NO 023-0007
FARM & WELL NO BALDWIN 1932
DIST. & COUNTY Murray / Grant

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	<u>✓</u>	_____
25.01	Necessary Equipment to Prevent Waste	<u>✓</u>	_____
23.04	Reclaimed Drilling Pits	<u>✓</u>	_____
23.05	No Surface or Underground Pollution	<u>✓</u>	_____
23.07	Requirements for Production & Gathering Pipelines	<u>✓</u>	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	<u>✓</u>	_____

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

SIGNED Donald R. Belli
DATE 11-16-84

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. v. B.
Administrator-Oil & Gas Division

May 28, 1985

DATE



RECEIVED
SEP 14 1984

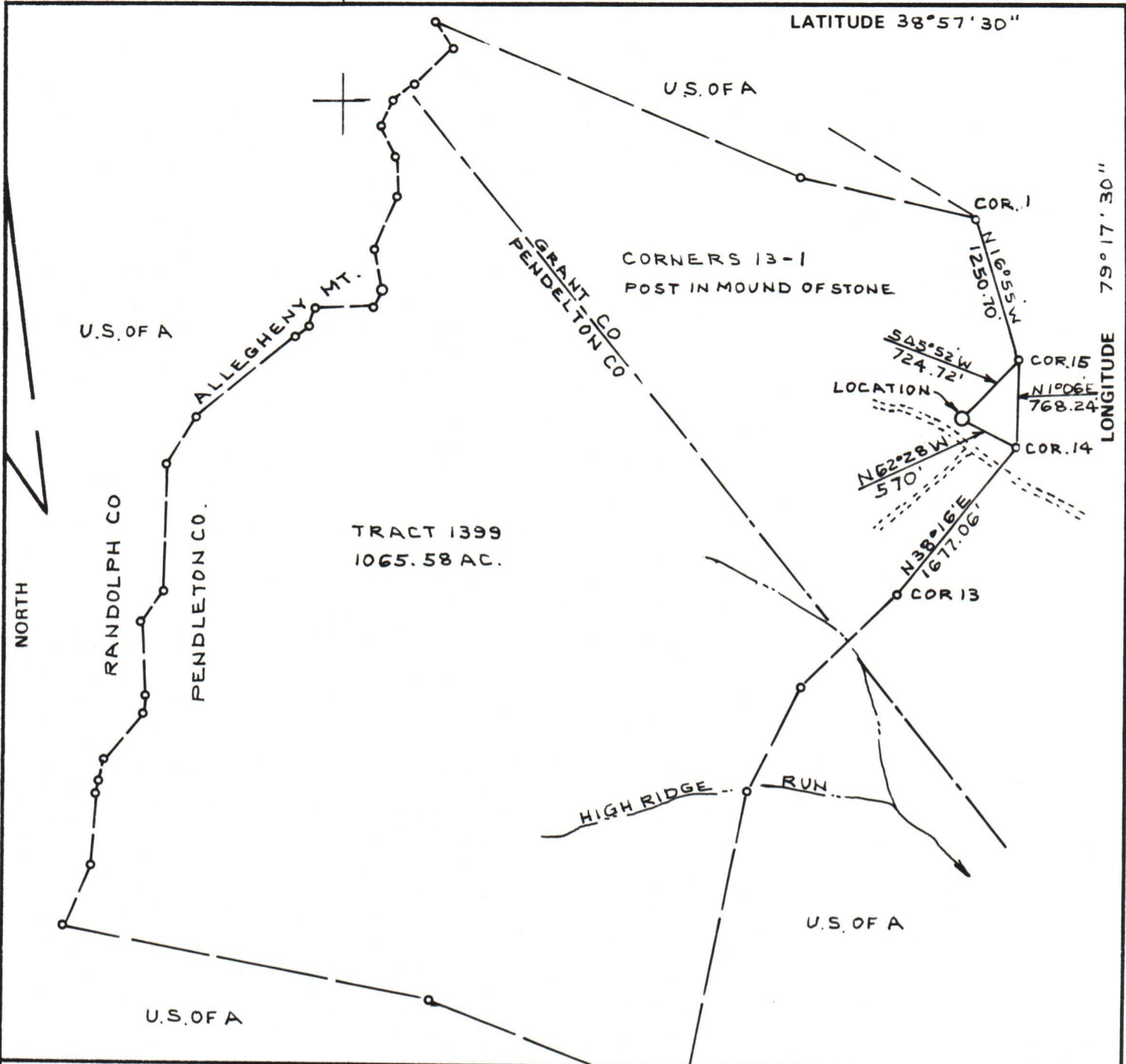
OIL & GAS DIVISION
DEPT. OF MINES

NOTICE OF VIOLATION

WELL TYPE: _____
 LOCATION: _____
 DISTRICT: _____
 OPERATOR: _____
 ADDRESS: _____

The above well is being operated in violation of the provisions of the following sections of Code 20-2-1, 20-2-2, 20-2-3, 20-2-4, 20-2-5, 20-2-6, 20-2-7, 20-2-8, 20-2-9, 20-2-10, 20-2-11, 20-2-12, 20-2-13, 20-2-14, 20-2-15, 20-2-16, 20-2-17, 20-2-18, 20-2-19, 20-2-20, 20-2-21, 20-2-22, 20-2-23, 20-2-24, 20-2-25, 20-2-26, 20-2-27, 20-2-28, 20-2-29, 20-2-30, 20-2-31, 20-2-32, 20-2-33, 20-2-34, 20-2-35, 20-2-36, 20-2-37, 20-2-38, 20-2-39, 20-2-40, 20-2-41, 20-2-42, 20-2-43, 20-2-44, 20-2-45, 20-2-46, 20-2-47, 20-2-48, 20-2-49, 20-2-50, 20-2-51, 20-2-52, 20-2-53, 20-2-54, 20-2-55, 20-2-56, 20-2-57, 20-2-58, 20-2-59, 20-2-60, 20-2-61, 20-2-62, 20-2-63, 20-2-64, 20-2-65, 20-2-66, 20-2-67, 20-2-68, 20-2-69, 20-2-70, 20-2-71, 20-2-72, 20-2-73, 20-2-74, 20-2-75, 20-2-76, 20-2-77, 20-2-78, 20-2-79, 20-2-80, 20-2-81, 20-2-82, 20-2-83, 20-2-84, 20-2-85, 20-2-86, 20-2-87, 20-2-88, 20-2-89, 20-2-90, 20-2-91, 20-2-92, 20-2-93, 20-2-94, 20-2-95, 20-2-96, 20-2-97, 20-2-98, 20-2-99, 20-2-100.

Failure to cease the violation may result in action by the Department of Mines. Code 20-2-17 of Code 20-2-18.



FILE NO. BK 81 P 76
 DRAWING NO. _____
 SCALE 1" = 1320'
 MINIMUM DEGREE OF ACCURACY 1-200
 PROVEN SOURCE OF ELEVATION TOP KNDB 1800'
SE. LOC. EL 2858'

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. U.S. 92

PLACE SEAL HERE

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



DATE DEC. 14, 19 83
 OPERATOR'S WELL NO. 1932
 API WELL NO. _____
47 - 023 - 0007
 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 2705.65 WATER SHED HIGH RIDGE RUN
 DISTRICT MILROY COUNTY GRANT
 QUADRANGLE HOPEVILLE 7.5'
 SURFACE OWNER UNITED STATES OF AMERICA ACREAGE 1065.58
 OIL & GAS ROYALTY OWNER UNITED STATES OF AMERICA LEASE ACREAGE 1003
 LEASE NO. _____
 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 ORISKANY ESTIMATED DEPTH 9500'
 WELL OPERATOR UNION DRILLING INC. DESIGNATED AGENT JOSEPH VANZANT
 ADDRESS P.O. DRAWER 40 ADDRESS P.O. DRAWER 40
BUCKHANNON WVA 26201 BUCKHANNON WVA 26201

09/08/2023