

Date: February 11, 19 82

Operator's Well No. 2 - 1783

API Well No. 47 - 083 - 0634

State County Permit

J. M. Huber #2 (1783)

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

OIL AND GAS WELL PERMIT

WELL TYPE: Oil \_\_\_\_\_ / Gas X /  
(If "Gas", Production X / Underground storage \_\_\_\_\_ / Deep \_\_\_\_\_ / Shallow X /)

LOCATION: Elevation: 2530' Watershed: Saltlick Run  
District: Middle Fork County: Randolph Quadrangle: Pickens

WELL OPERATOR UNION DRILLING, INC. DESIGNATED AGENT UNION DRILLING, INC.  
Address P. O. Drawer 40 Address P. O. Drawer 40  
Buckhannon, WV 26201 Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER J. M. Huber Corp. COAL OPERATOR Avanti Mining Company, Inc.  
Address P. O. Box 1319 Address Helvetia, WV 26224  
Maryville, Tenn. 37801

ACREAGE 620 COAL OWNER(S) WITH DECLARATION ON RECORD:  
SURFACE OWNER Coastal Lumber Company Name J. M. Huber Corp.  
Address Box 8 Address P. O. Box 1319  
Dailey, WV 26259 Maryville, Tenn. 37801

FIELD SALE (IF MADE) TO: Address Not Determined at this time  
Name \_\_\_\_\_  
Address \_\_\_\_\_

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Robert Stewart  
Address P. O. Box 345  
Jane Lew, WV 26378

COAL LESSEE WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
Address \_\_\_\_\_  
MAR 16 1982  
OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

UDI Lease #924

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_\_\_ / lease X other contract \_\_\_\_\_ / dated January 20, 19 79, to the undersigned well operator from J. M. Huber Corp. to Union Drilling, Inc.  
(IF said deed, lease, or other contract has been recorded:)

Recorded on Feb. 4, 19 81, in the office of the Clerk of the County Commission of Randolph County, West Va. in Deed Book 335 at page 527. A permit is requested as follows:

PROPOSED WORK: Drill X / Drill deeper \_\_\_\_\_ / Redrill \_\_\_\_\_ / Fracture or stimulate X /  
Plug off old formation \_\_\_\_\_ / Perforate new formation \_\_\_\_\_ /  
Other physical change in well (specify) \_\_\_\_\_  
\_\_\_\_\_ planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
1615 WASHINGTON STREET EAST CHARLESTON, WV 25311  
TELEPHONE: (304) 348-3092

BLANKET BOND

UNION DRILLING, INC. 10/20/2023  
Well Operator  
By Joseph C. Pettey  
Its Joseph C. Pettey, Vice President of Production

**PROPOSED WORK ORDER**

THIS IS AN ESTIMATE ONLY.  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) UNION DRILLING, INC.

Address P. O. Drawer 40  
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Benson

Estimated depth of completed well, 4200 feet Rotary X / Cable tools \_\_\_\_\_ /

Approximate water strata depths: Fresh, ? 1430 feet; salt, ? feet.

Approximate coal seam depths: ? Is coal being mined in the area? Yes X / No \_\_\_\_\_ /

**CASING AND TUBING PROGRAM**

CASING OR TUBING TYPE	SPECIFICATIONS			New		Used		FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	Size	Grade	Weight per ft			For drilling	Left in well				
Conductor	11 3/4"			X		20'	20'				Kinds
Fresh Water											
Coal											Sizes
Intermediate	8 5/8"		20#	X		<del>800'</del>	<del>800'</del>	1460	1460	to surface	
Production	4 1/2"		10 1/2#	X					4200'	420 sks. or	Depths set
Tubing										as req. by rule 15.01.	
Liners											Perforations:
											Top Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

**WAIVER**

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

Date: \_\_\_\_\_, 19 \_\_\_\_\_

By \_\_\_\_\_  
Its \_\_\_\_\_

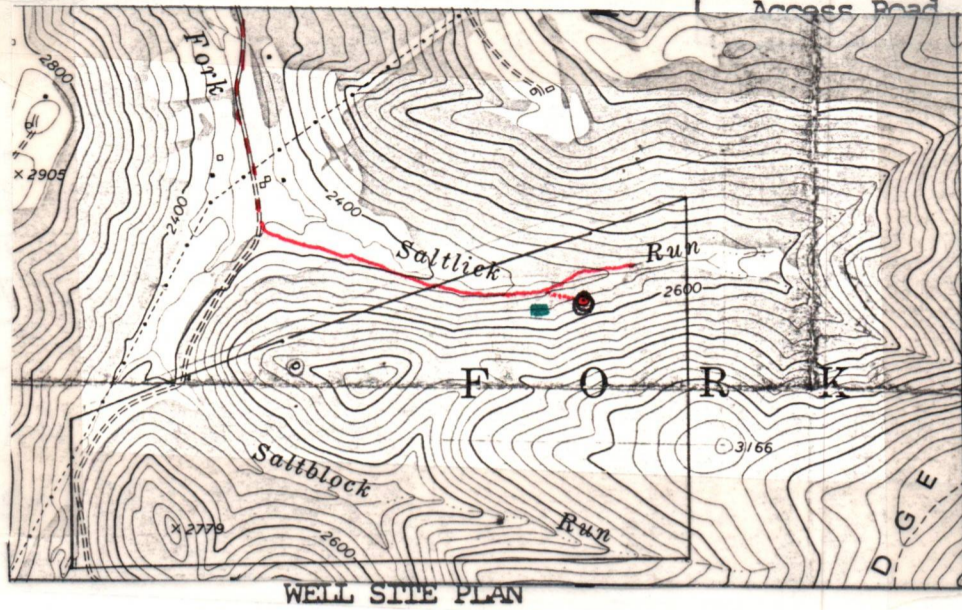
10/20/2023

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

LEGEND

Well Site ⊕

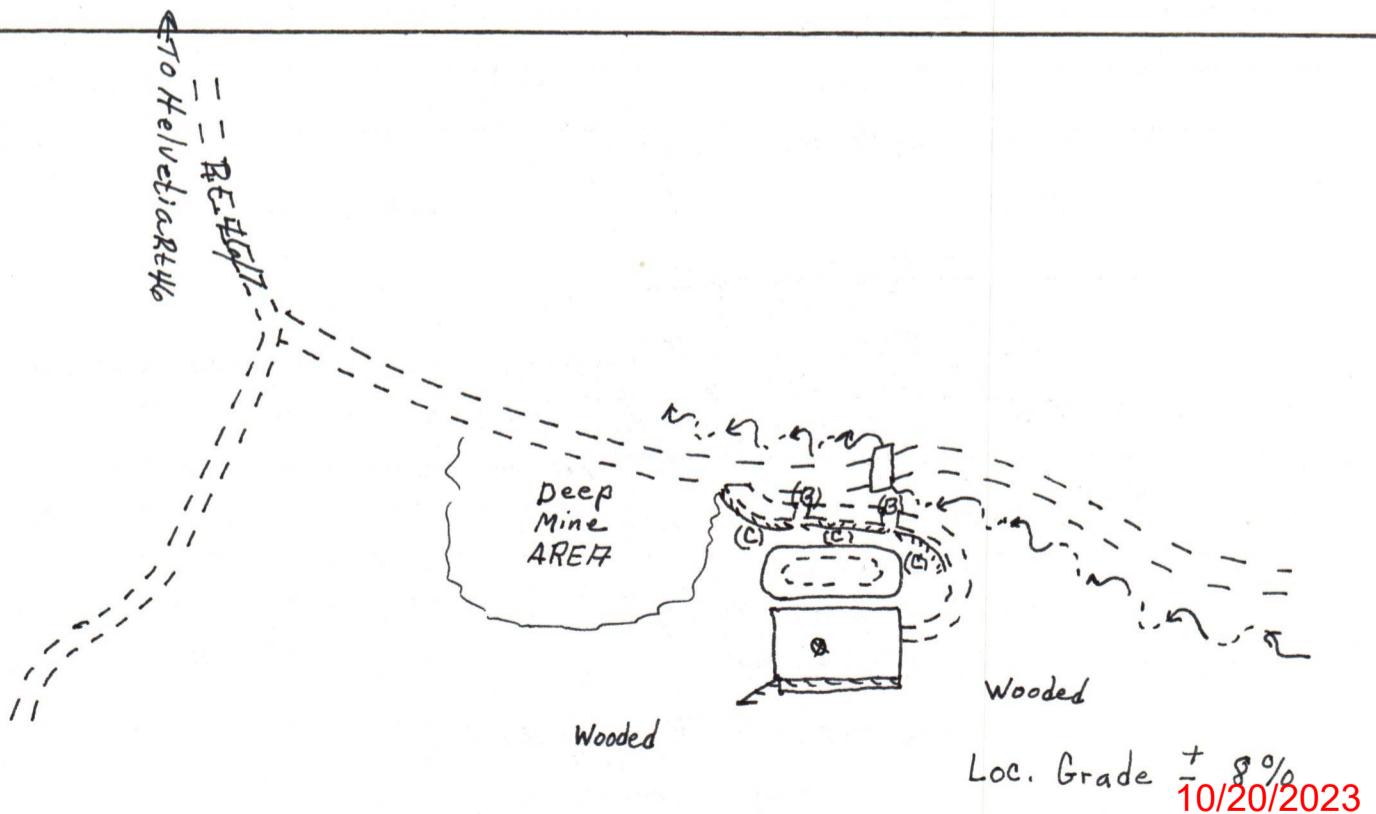
Access Road ———



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

LEGEND

Property boundary ———▲———	Diversion ———/———/———/———/———
Road = = = = =	Spring ○→
Existing fence —x—x—x—x—	Wet spot ☉
Planned fence —/—/—/—/—	Building ■
Stream ~~~~~	Drain pipe —○→○→○→
Open ditch —···→···→···→···→	Waterway ⇐=⇒=⇒=⇒=



PHONE NO. 472-4610  
 PLAN PREPARED BY Thomas O Morgan  
 ADDRESS P.O. Box 40, Buckhannon, W.Va.

NOTES: Please attach separate sheets as necessary for one covering season.

FORM IV-2(B) FILE COPY  
 Reverse



OFFICE USE ONLY

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

1) WELL TYPE: B (L) Gas, Production  
 2) LOCATION: District: Middle Fork Elevation: 2530 Watershed: Saltlick Run  
 3) WELL OPERATOR: Union Drilling, Inc. Address: P. O. Drawer 40, Buckhannon, W.V. 26201  
 4) OIL & GAS INSPECTOR TO BE NOTIFIED: Union Drilling, Inc. Address: P. O. Drawer 40, Buckhannon, W.V. 26201  
 5) PROPOSED WELL WORK: Drill  Drill  Refrill  Stimulate   
 6) GEOLOGICAL TARGET FORMATION: PERFORATE NEW FORMATION  
 7) ESTIMATED DEPTH OF COMPLETED WELL: 4200 feet  
 8) APPROXIMATE TRAP DEPTHS: Fresh: 3 feet, Salt: 2 feet  
 9) APPROXIMATE COAL SEAM DEPTHS: ? feet  
 10) CASING AND TUBING PROGRAM: ?

Casing or Tubing Type	Casing or Tubing Size	Casing or Tubing Weight	Footage Intervals		Cement Fillets	Packers
			From	To		
Production	4 1/2"	10.25#	4200	4200	2000	20
Information	3 1/2"	5.5#	1400	1400	1400	20
Coal	3"	4.5#				
Fresh water	2 1/2"	3.5#				
Conductor	2 1/8"	3.5#				

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: Welded  
 Reason: Welded

10/20/2023

Agent:	Blair:	Casing:	Permit:

NOTE: Keep one copy of this permit posted at the drilling location. See the reverse side of the APPLICANT'S COPY for instructions to the well operator.



File

1) Date: July 18, 1983  
2) Operator's Well No. 2 - 1783  
3) API Well No. 47  
State County Permit

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

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

(i) Name Coastal Lumber Company  
Address Box 8  
Dailey, WV 26259

(ii) Name \_\_\_\_\_  
Address \_\_\_\_\_

(iii) Name \_\_\_\_\_  
Address \_\_\_\_\_

5(i) COAL OPERATOR Avanti Mining Co., Inc.  
Address P. O. Box 757  
Kingwood, WV 26537

5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:  
Name J. M. Huber Corp.  
Address P. O. Box 1319  
Maryville, Tenn. 37801

Name \_\_\_\_\_  
Address \_\_\_\_\_

COAL LESSEE WITH DECLARATION ON RECORD:  
Name \_\_\_\_\_  
Address \_\_\_\_\_

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

**P 311 719 156**  
RECEIPT FOR CERTIFIED MAIL

- TO THE PERSON
- (1) The to be and come
- (2) The plus
- (3) The rec.

THE REAS WHICH ARE SUB (FORM IV-2(B) ACTION AT ALL

Take no erator propo for a Well W Department c and depicted Construction by hand to before the

- 6) EXTRACTI Check any  Inclu I  The r
- 7) ROYALTY Is the r or other for compensation to the owner of the well or other interest in the land on which the well is located or to the volume of oil or gas so extracted, produced or marketed? Yes No

SENT TO	
Coastal Lumber Company	
STREET AND NO.	
Box 8	
P.O., STATE AND ZIP CODE	
Dailey, WV 26259	
POSTAGE	\$
CERTIFIED FEE	\$
SPECIAL DELIVERY	\$
RESTRICTED DELIVERY	\$
OPTIONAL SERVICES	\$
RETURN RECEIPT SERVICE	\$
SHOW TO WHOM AND DATE DELIVERED	\$
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	\$
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	\$
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY	\$
TOTAL POSTAGE AND FEES	\$
POSTMARK OR DATE	
8/3/83	Permit 1783

this Form and the following documents:  
IV-2(B) (or Form IV-4 if the well is lved in the drilling or other work, f applicable, the proposed casing and

ation on Form IV-6; and IV-9) unless the well work is only to ion and sediment control and for

YOU HAVE RIGHTS REGARDING THE APPLICATION SE SIDE OF THE COPY OF THE APPLICATION YOU ARE NOT REQUIRED TO TAKE ANY

inia Code, the undersigned well op- plication and accompanying documents fice of Oil and Gas, West Virginia tion described on attached Application ices, the Application, the plat, and the registered or certified mail or delivered in certain circumstances) on or

ng contract or contracts by which . (See reverse side for specifics.)

r gas based upon a lease or leases ll royalty or any similar provision ace which is not inherently related

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.

RECEIVED  
JUL 20 1983

OIL & GAS DIVISION  
DEPT. OF MINES

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

WELL OPERATOR Union Drilling, Inc.  
By Joseph C. Pettey  
Its Joseph C. Pettey, Vice President of Prod.  
Address P. O. Drawer 40  
Buckhannon, WV 26201  
Telephone (304) 472-4610

this 18 day of July, 19 83.  
My commission expires 5/22, 19 89.

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

COMMISSIONED AS  
SHARON L. KELLEY

10/20/2023

**P 311 719 157**

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		Avanti Mining Co., Inc.	
STREET AND NO.		P. O. Box 757	
P.O., STATE AND ZIP CODE		Kingwood, WV 26537	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	¢	
	SPECIAL DELIVERY	¢	
	RESTRICTED DELIVERY	¢	
	OPTIONAL SERVICES	¢	
	RETURN RECEIPT SERVICE	¢	
SHOW TO WHOM AND DATE DELIVERED		¢	
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY		¢	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		¢	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		¢	
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			
8/3/83		1783 Permit	

PS Form 3800, Apr. 1976

S T

**P 311 719 158**

**RECEIPT FOR CERTIFIED MAIL**

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		J. M. Huber Corporation	
STREET AND NO.		P. O. Box 1319	
P.O., STATE AND ZIP CODE		Maryville, Tennessee 37801	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES	CERTIFIED FEE	¢	
	SPECIAL DELIVERY	¢	
	RESTRICTED DELIVERY	¢	
	OPTIONAL SERVICES	¢	
	RETURN RECEIPT SERVICE	¢	
SHOW TO WHOM AND DATE DELIVERED		¢	
SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY		¢	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		¢	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY		¢	
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE			
8/3/83		1783 Permit	

PS Form 3800, Apr. 1976

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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:

Grantor, lessor, etc.	Grantee, lessee, etc.	Royalty	Book Page
J. M. Huber Corp.	Union Drilling, Inc.	1/8	335 527

Date: February 11, 19 82

Operator's Well No. 2 - 1783

API Well No. 47 - -

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

State County Permit

J. M. Huber #2 (1783)

OIL AND GAS WELL PERMIT

WELL TYPE: Oil / Gas  /  
(If "Gas", Production  / Underground storage / Deep / Shallow  /)

LOCATION: Elevation: 2530' Watershed: Saltlick Run  
District: Middle Fork County: Randolph Quadrangle: Pickens

WELL OPERATOR UNION DRILLING, INC.  
Address P. O. Drawer 40  
Buckhannon, WV 26201

DESIGNATED AGENT UNION DRILLING, INC.  
Address P. O. Drawer 40  
Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER J. M. Huber Corp.  
Address P. O. Box 1319  
Maryville, Tenn. 37801

COAL OPERATOR Avanti Mining Company, Inc.  
Address Helvetia, WV 26224

Acreage 620

COAL OWNER(S) WITH DECLARATION ON RECORD:

SURFACE OWNER Coastal Lumber Company  
Address Box 8  
Dailey, WV 26259

Name J. M. Huber Corp.  
Address P. O. Box 1319  
Maryville, Tenn. 37801

Acreage 325

FIELD SALE (IF MADE) TO:  
Address Not Determined at this time

Name  
Address

OIL & GAS INSPECTOR TO BE NOTIFIED  
Name Robert Stewart  
Address P. O. Box 345  
Jane Lew, WV 26378

COAL LESSEE WITH DECLARATION ON RECORD:  
Name  
Address

RECEIVED

OIL AND GAS DIVISION  
WV DEPARTMENT OF MINES

UDI Lease #924

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed / lease  other contract / dated January 20, 19 79, to the undersigned well operator from J. M. Huber Corp. to Union Drilling, Inc. (IF said deed, lease, or other contract has been recorded:)

Recorded on Feb. 4, 19 81, in the office of the Clerk of the County Commission of Randolph County, West Va. in Deed Book 335 at page 527. A permit is requested as follows:

PROPOSED WORK: Drill  / Drill deeper / Redrill / Fracture or stimulate  / Plug off old formation / Perforate new formation / Other physical change in well (specify)

—planned as shown on the work order on the reverse side hereof.

The above named coal operator, coal owner(s), and coal lessee are hereby notified that any objection they wish to make or are required to make by Code §22-4-3 must be filed with the Department of Mines within fifteen (15) days after the receipt of this Application by the Department.

Copies of this Permit Application and the enclosed plat and reclamation plan have been mailed by registered mail or delivered by hand to the above named coal operator, coal owner(s), and coal lessee on or before the day of the mailing or delivery of this Permit Application to the Department of Mines at Charleston, West Virginia.

PLEASE SUBMIT COPIES OF ALL GEOPHYSICAL LOGS DIRECTLY TO:  
WEST VIRGINIA OIL AND GAS CONSERVATION COMMISSION  
1615 WASHINGTON STREET EAST CHARLESTON, WV 25311  
TELEPHONE: (304) 348-3092

10/20/2023

UNION DRILLING, INC.

Well Operator

By Joseph C. Pettey  
Its Joseph C. Pettey, Vice President of Production

(COAL WAIVER SIGNED)

**PROPOSED WORK ORDER**

THIS IS AN ESTIMATE ONLY:  
ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

DRILLING CONTRACTOR (IF KNOWN) UNION DRILLING, INC.

Address P. O. Drawer 40  
Buckhannon, WV 26201

GEOLOGICAL TARGET FORMATION, Benson

Estimated depth of completed well, 4200 feet Rotary x / Cable tools        /

Approximate water strata depths: Fresh, ? feet; salt, ? feet.

Approximate coal seam depths: ? Is coal being mined in the area? Yes x / No        /

**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"			x		20'	20'		Kinds	
Fresh Water										
Coal									Sizes	
Intermediate	8 5/8"		20#	x		800'	800'	to surface		
Production	4 1/2"		10 1/2#	x			4200'	420 sks. or as req. by rule 15.01.	Depths set	
Tubing										
Liners									Perforations:	
									Top	Bottom

NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filed with the Department, accompanied by (i) a plat in the form prescribed by Regulation 11, (ii) a bond in one of the forms prescribed by Regulation 12, or in lieu thereof the other security allowed by Code § 22-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12a, and (v) if applicable, the consent required by Code § 22-4-8a from the owner of any water well or dwelling within 200 feet of the proposed well.

A separate Form IV-2 shall not be required for fracturing or stimulating a well where fracturing or stimulating is to be part of the work for which a permit is sought and is noted as such on the Form IV-2 filed in connection therewith.

**THIS PERMIT MUST BE POSTED AT THE WELL SITE.**  
**ALL PROVISIONS BEING IN ACCORDANCE WITH CHAPTER 22,**  
**ARTICLE 4 OF THE W. VA. CODE, THE LOCATION IS HEREBY**  
**APPROVED FOR** drilling **. THIS PERMIT SHALL EXPIRE**  
**IF OPERATIONS HAVE NOT COMMENCED BY** 11-18-82 **.**  
**BY** [Signature]

The following waiver must be completed by the coal operator and by any coal owner or coal lessee who has recorded a declaration under Code 22-4-20, if the permit is to be issued within fifteen (15) days of receipt thereof.

**WAIVER**

The undersigned coal operator x / owner        / lessee x / 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 82

By John R. Hardesty, AVANTI Mining  
Its PRESIDENT



1) Date: July 18 1983  
 2) Operator's Well No. 2 - 1783  
 3) API Well No. 47

State County Permi:

STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES, OFFICE OF OIL & GAS

APPLICATION FOR A WELL WORK PERMIT

- 4) WELL TYPE: A. Oil \_\_\_ / Gas x /  
 B. (If "Gas", Production x / Underground storage \_\_\_ / Deep \_\_\_ / Shallow x /  
 5) LOCATION: Elevation: 2530 Watershed Saltlick Run  
 District: Middle Fork County: Randolph Quadrangle: Pickens  
 6) WELL OPERATOR Union Drilling, Inc.  
 Address P. O. Drawer 40  
Buckhannon, WV 26201  
 7) DESIGNATED AGENT Joseph C. Vanzant, Jr.  
 Address P. O. Drawer 40  
Buckhannon, WV 26201  
 8) OIL & GAS INSPECTOR TO BE NOTIFIED  
 Name Phil Tracy  
 Address \_\_\_\_\_  
 9) DRILLING CONTRACTOR:  
 Name Union Drilling, Inc.  
 Address P. O. 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, Benson  
 12) Estimated depth of completed well (or actual depth of existing well), 4200 feet  
 13) Approximate water strata depths: Fresh, ? feet; salt, . feet.  
 14) Approximate coal seam depths: ? Is coal being mined in the area? Yes x / 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	Left in well		
Conductor	11 3/4			x		20	20		Kinds
Fresh water									
Coal									
Intermediate	8 5/8		23#	x		1400	1400	to surface	Sizes
Production	4 1/2		10.5#	x			4200	420 sks. or as required	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 (or less than 5 days if the Application is to plug a well), 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 \_\_\_\_\_

(Signature) \_\_\_\_\_ Date: \_\_\_\_\_

Its \_\_\_\_\_ Date: \_\_\_\_\_

(Signature) \_\_\_\_\_ Date: \_\_\_\_\_

10/20/2023  
**RECEIVED**

JUL 20 1983

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.) Permit will be good for 24 months. See Chapter 22, Article 4 of the W. Va. Code.

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, WV 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 personally served or mailed to you 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. (This time is changed to FIVE (5) DAYS from the filing date if the permit is only to plug a well.) 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 should 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.

10/20/2023

P 311 719 087

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		J. M. Huber Corp.	
STREET AND NO.		P. O. Box 1319	
P. O. STATE AND ZIP CODE		Maryville, Tenn. 37801	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES		CERTIFIED FEE	
OPTIONAL SERVICES		SPECIAL DELIVERY	
RETURN RECEIPT SERVICE		RESTRICTED DELIVERY	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		SHOW TO WHOM AND DATE DELIVERED	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE		7/19/83	
PS Form 3800, Apr. 1976		Permit for Well No. 1783	

P 311 719 088

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		Coastal Lumber Co.	
STREET AND NO.		Box 8	
P. O. STATE AND ZIP CODE		Dailey, WV 26259	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES		CERTIFIED FEE	
OPTIONAL SERVICES		SPECIAL DELIVERY	
RETURN RECEIPT SERVICE		RESTRICTED DELIVERY	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		SHOW TO WHOM AND DATE DELIVERED	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE		7/19/83	
PS Form 3800, Apr. 1976		Permit for Well 1783	

P 311 719 088

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED—  
NOT FOR INTERNATIONAL MAIL  
(See Reverse)

SENT TO		AVANTI MINING CO., INC.	
STREET AND NO.		P. O. Box 757	
P. O. STATE AND ZIP CODE		Kingwood, WV 26537	
POSTAGE		\$	
CONSULT POSTMASTER FOR FEES		CERTIFIED FEE	
OPTIONAL SERVICES		SPECIAL DELIVERY	
RETURN RECEIPT SERVICE		RESTRICTED DELIVERY	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		SHOW TO WHOM AND DATE DELIVERED	
SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY		SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY	
SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY		SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY	
TOTAL POSTAGE AND FEES		\$	
POSTMARK OR DATE		7/19/83	
PS Form 3800, Apr. 1976		Permit for Well No. 1783	

RECEIVED  
JUL 20 1983

OIL & GAS DIVISION  
DEPT. OF MINES

10/20/2023

PS Form 3811, Dec. 1980

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

**(CONSULT POSTMASTER FOR FEES)**

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

- Show to whom and date delivered ..... —¢
- Show to whom, date, and address of delivery.. —¢

2.  **RESTRICTED DELIVERY** —¢  
*(The restricted delivery fee is charged in addition to the return receipt fee.)*

TOTAL \$ \_\_\_\_\_

3. **ARTICLE ADDRESSED TO:**

Coastal Lumber Co.  
Box 8  
Dailey, WV 26259

4. **TYPE OF SERVICE:**

- REGISTERED     INSURED
- CERTIFIED     COD
- EXPRESS MAIL

ARTICLE NUMBER

P 311 719 088

**(Always obtain signature of addressee or agent)**

I have received the article described above

**SIGNATURE**     Addressee     Authorized agent

*Jerry Anderson*

5. **DATE OF DELIVERY**

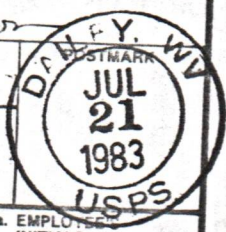
7-21-83

6. **ADDRESSEE'S ADDRESS** *(Only if requested)*

7. **UNABLE TO DELIVER BECAUSE:**

7a. **EMPLOYEE INITIALS**

*Sh*



RETURN RECEIPT, REGISTERED, INSURED AND CERTIFIED MAIL

1783

*J. M. Haber #2*

10/20/2023 1783

AVANTI MINING CO., INC.

P.O. BOX 757

KINGWOOD, WEST VIRGINIA 26537

(304) 329-1778

April 7, 1982

J. M. Huber Corporation  
P.O. Box 1319  
Maryville, Tennessee 37801

Attn: John B. Henriksen

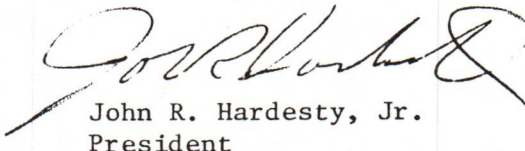
RE: Well 2-1783

Dear Mr. Henriksen:

This is to advise you that we have reviewed and inspected the proposed site for well number 2-1783 and have no objection to it's present location.

The well's present location appears to be on or very close to the coal cropline but due to the cropline barrier required by the WV Department of Natural Resources, this barrier cannot be mined regardless of the well; so no additional coal will be lost.

Very truly yours,



John R. Hardesty, Jr.  
President

JRHJr/vp

✓ cc: Mr. Joseph C. Petty

RECEIVED  
JUL 20 1983

OIL & GAS DIVISION  
DEPT. OF MINES

10/20/2023

IV-35  
(Rev 8-81)

RECEIVED

JUL - 8 1984



State of West Virginia

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

Date June 20, 1984  
Operator's  
Well No. 2-1783  
Farm J.M. Huber #2  
API No. 47 - 083 - 0634

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: 2530' Watershed Saltlick Run  
District: Middle Fork County Randolph Quadrangle Pickens

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 Coastal Lumber Co.  
ADDRESS Box 8, Dailey, WV 26259  
MINERAL RIGHTS OWNER J.M. Huber Corp.  
ADDRESS P.O. Box 1319, Maryville, TN, 37801  
OIL AND GAS INSPECTOR FOR THIS WORK  
Phil Tracy ADDRESS Gen. Del. Ellamore, WV 26267  
PERMIT ISSUED 08/16/83  
DRILLING COMMENCED 01/05/84  
DRILLING COMPLETED 01/11/84  
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 Cond.			
13-10" ?	57.0'	57.00'	
9 5/8			
8 5/8 J	713.3'	713.00'	236 cf.
7			
5 1/2			
4 1/2 Q	3434.05'	3434.05'	424 cf.
3			
2			
Liners used			

GEOLOGICAL TARGET FORMATION Benson Depth 4200 feet  
Depth of completed well 3645' feet Rotary X / Cable Tools \_\_\_\_\_  
Water strata depth: Fresh 15' feet; Salt none feet  
Coal seam depths: none Is coal being mined in the area? no

OPEN FLOW DATA  
Producing formation 365 Injun, 423 Bayard, 435 Benson Pay zone depth 3327' feet  
Gas: Initial open flow 58 Mcf/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 2970 Mcf/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 2 hours  
Static rock pressure 500# psig (surface measurement) after 24 hours shut in  
(If applicable due to multiple completion--)  
Second producing formation \_\_\_\_\_ Pay zone depth 10/20/2023 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.

Halliburton - 3 stage Foam Frac - 6/11/84

1090/96 - Injun - 22,500# sand, 380 Bbls water and 200,000 scf nitrogen

1724/29 - Bayard - 45,000# sand, 600 Bbls water and 363,000 scf nitrogen

3300/27 - Benson - 45,000# sand, 650 Bbls water and 483,000 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
			0	465	1/2" water @15'
			465	476	
			476	841	
345			841	983	
365			983	1104	
423			1709	1756	
425			1833	1848	
435			3298	3332	
				3645'	T.D. 30/10ths - 1" water

(Attach separate sheets as necessary)

Union Drilling, Inc.

Well Operator

By: Joseph C. Pettey  
 Date: 10/20/2023  
 Date: Joseph C. Pettey, Vice President of Production

6/20/84

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



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

FINAL INSPECTION REPORT  
INSPECTORS COMPLIANCE REPORT  
July 24, 1984

COMPANY Union Drilling, Inc.

PERMIT NO 083-0634 (8-83)

P. O. Drawer 40

FARM & WELL NO J. M. Huber #2-1783

Buckhannon, West Virginia 26201

DIST. & COUNTY Middle Fork/Randolph

RULE	DESCRIPTION	IN COMPLIANCE	
		YES	NO
23.06	Notification Prior to Starting Work	_____	_____
25.04	Prepared before Drilling to Prevent Waste	_____	_____
25.03	High-Pressure Drilling	_____	_____
16.01	Required Permits at Wellsite	_____	_____
15.03	Adequate Fresh Water Casing	_____	_____
15.02	Adequate Coal Casing	_____	_____
15.01	Adequate Production Casing	_____	_____
15.04	Adequate Cement Strenght	_____	_____
15.05	Cement Type	_____	_____
23.02	Maintained Access Roads	_____	_____
25.01	Necessary Equipment to Prevent Waste	_____	_____
23.04	Reclaimed Drilling Pits	_____	_____
23.05	No Surface or Underground Pollution	_____	_____
23.07	Requirements for Production & Gathering Pipelines	_____	_____
16.01	Well Records on Site	_____	_____
16.02	Well Records Filed	_____	_____
7.05	Identification Markings	_____	_____

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

SIGNED Phillip J. Jorg

DATE 8/18/84

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

October 25, 1984

TMS/chm

DATE

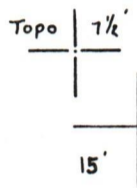
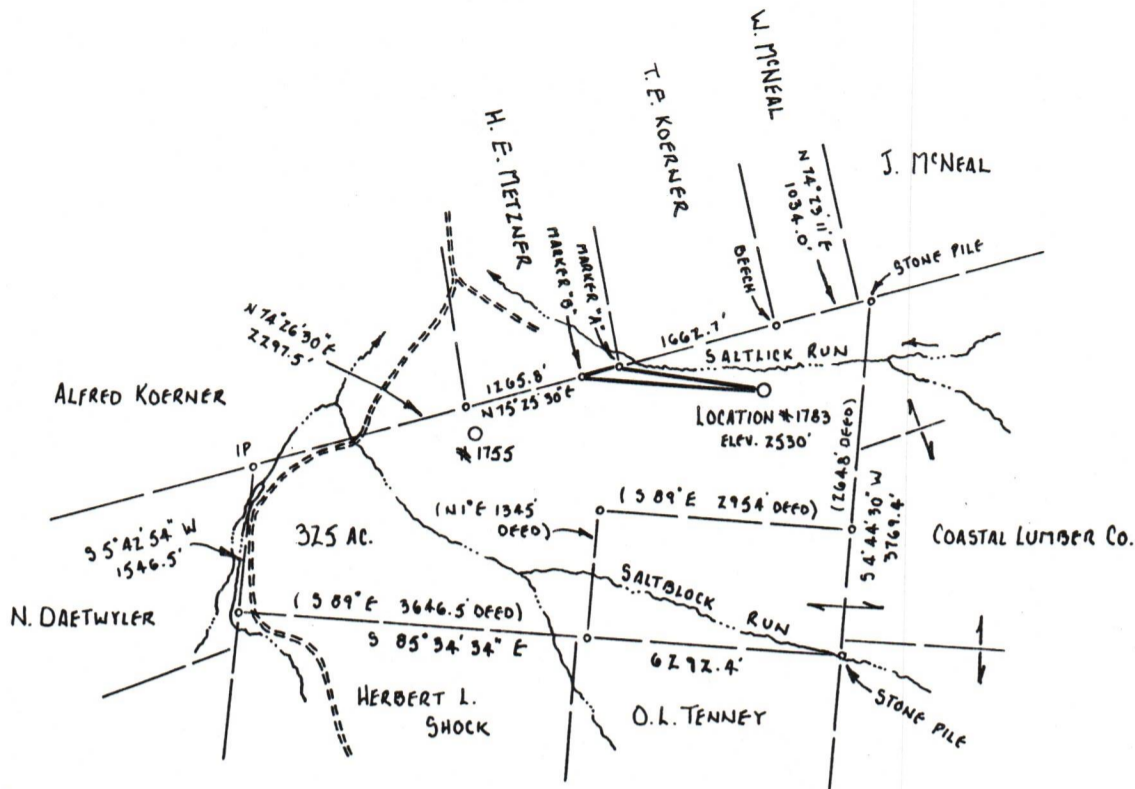


M. 2. 3-16-82

1150'

LATITUDE 38° 42' 30"  
38° 45'

LONGITUDE 80° 10' 00"  
8100'

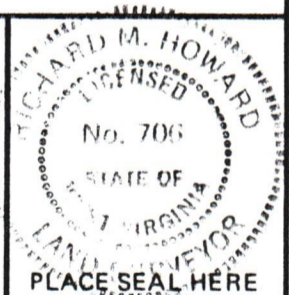


NOTES:

MARKER "A" IS A FOUND IRON MARKER WITH A FLAT TOP 1" x 5/2" AND A STONE PILE.  
 MARKER "B" IS A TACK SET IN A FOUND TALL STAKE (PAINTED & FLAGGED) AT A 12" BLAZED MAPLE.  
 TIE FROM "A" TO LOCATION: S 79° 58' E 1525.5'  
 TIE FROM "B" TO LOCATION: S 85° 01' E 1897.1'  
 TIE FROM "B" TO "A": N 75° 25' 30" E 400.7'  
 COASTAL LUMBER COMPANY - SURFACE 325 AC.  
 J. M. HUBER - OIL & GAS 325 OF 620 AC.  
 NO KNOWN WELLS BESIDES PROPOSED #1755 WITHIN 2400'.  
 DESCRIPTION REPRESENTS RECENT SURVEY BY R.L. OSTRANDER, LLS.  
 OLD DEED CALLS IN BRACKETS.

FILE NO. W UDI 1-37  
 DRAWING NO. 8-10-Z VAR 1-1A  
 SCALE 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY 1 IN 2500  
 PROVEN SOURCE OF ELEVATION KNOB 2050' ± SE of LOCATION. ELEVATION 3166'

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) Richard M. Howard  
 R.P.E. \_\_\_\_\_ L.L.S. 706



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



DATE JANUARY 21, 1982  
 OPERATOR'S WELL NO. 1783  
 API WELL NO. 47-083-0634-Per.  
 STATE COUNTY PERMIT

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION

WELL TYPE: OIL \_\_\_ GAS X LIQUID INJECTION \_\_\_ WASTE DISPOSAL \_\_\_  
 (IF "GAS,") PRODUCTION X STORAGE \_\_\_ DEEP \_\_\_ SHALLOW X  
 LOCATION: ELEVATION 2530' WATER SHED SALT LICK RUN  
 DISTRICT MIDDLE FORK COUNTY RANDOLPH  
 QUADRANGLE PICKENS 7 1/2'  
 SURFACE OWNER COASTAL LUMBER COMPANY ACREAGE 325  
 OIL & GAS ROYALTY OWNER J. M. HUBER LEASE ACREAGE 620 10/20/2023  
 LEASE NO. 924  
 PROPOSED WORK: DRILL X CONVERT \_\_\_ DRILL DEEPER \_\_\_ REDRILL \_\_\_ FRACTURE OR STIMULATE \_\_\_ PLUG OFF OLD FORMATION \_\_\_ PERFORATE NEW FORMATION \_\_\_ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON \_\_\_ CLEAN OUT AND REPLUG \_\_\_  
 TARGET FORMATION BENSON ESTIMATED DEPTH 4200'  
 WELL OPERATOR UNION DRILLING, INC. DESIGNATED AGENT UNION DRILLING, INC.  
 ADDRESS P.O. DRAWER 40 ADDRESS P.O. DRAWER 40  
BUCKHANNON, WEST VA. 26201 BUCKHANNON, WEST VA. 26201



1) Date: July 18, 1983  
2) Operator's Well No. 2 - 1783  
3) API Well No. 47 - 083 - 0634-Ren  
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: 2530 Watershed: Saltlick Run District: Middle Fork County: Randolph Quadrangle: Pickens
- 6) WELL OPERATOR Union Drilling, Inc. Address P. O. Drawer 40 Buckhannon, WV 26201
- 7) DESIGNATED AGENT Joseph C. Vanzant, Jr. Address P. O. Drawer 40 Buckhannon, WV 26201
- 8) OIL & GAS INSPECTOR TO BE NOTIFIED Name Phil Tracy Address
- 9) DRILLING CONTRACTOR: Name Union Drilling, Inc. Address P. O. Drawer 40 Buckhannon, WV 26201
- 10) PROPOSED WELL WORK: Drill  / Drill deeper  / Redrill  / Stimulate  / Plug off old formation  / Perforate new formation  / Other physical change in well (specify)
- 11) GEOLOGICAL TARGET FORMATION, Benson
- 12) Estimated depth of completed well, 4200 feet
- 13) Approximate trata 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	Size	SPECIFICATIONS			FOOTAGE INTERVALS		CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
		Grade	Weight per ft.	New	Used	For drilling		Left in well	Kinds
Conductor	11 3/4			X		20	20		
Fresh water									
Coal									
Intermediate	8 5/8		23#	X		1400	1400	to surface	
Production	4 1/2		10.5#	X			4200	420 sks. or as required	Depths set
Tubing									Perforations:
Liners									Top Bottom

OFFICE USE ONLY  
DRILLING PERMIT

Permit number 47-083-0634-Ren

Date August 16, 1983

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

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

Permit expires August 16, 1985 unless well work is commenced prior to that date and prosecuted with due diligence.

Bond:	Agent:	Plat:	Casing:	Fee 7191
-------	--------	-------	---------	----------

Administrator, Office of Oil and Gas

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

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

File 10/20/2023



OFFICE USE ONLY

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

1) WELL LOCATION: B (If Gas) Production  / Non-Production  / Shallow  / Deep  / Underground storage  / Salt stack  / Elevation: 2330 / District: Middle Fork / County: Randolph / State: West Virginia

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

3) DESIGNATED AGENT: [Name] / Address: [Address] / Buckhannon, WV 26201

4) DRILLING CONTRACTOR: [Name] / Address: [Address] / Buckhannon, WV 26201

5) PROPOSED WELL WORK: Drill  / Plug off old formation  / Perform new formation  / Other physical change in well (specify):

6) GEOLOGICAL TARGET FORMATION: [Formation Name]

7) REMAINED DEPTH OF COMPLETED WELL: [Depth]

8) APPROXIMATE DEPTH DEPOSITS: Fresh  / [Other]

9) APPROXIMATE COAL SEAM DEPTH: [Depth]

10) CASING AND TUBING PROGRAM: [Details]

OFFICE USE ONLY

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

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

OTHER INSPECTIONS

Reason:

*[Handwritten signature]*

Reason:

OK	OK	OK	OK
----	----	----	----



2023/10/20



State of West Virginia

Department of Mines  
Oil and Gas Division

CONSTRUCTION AND RECLAMATION PLAN

DATE 2-5-82  
WELL NO. 1783  
API NO. 47 Road/634

COMPANY NAME Union Drilling Inc. Address P.O. Drawer 40, Buckhannon, W. Va. Telephone 472-4610

DESIGNATED AGENT Union Drilling Inc. Address P.O. Drawer 40, Buckhannon, W. Va. Telephone 472-4610

LANDOWNER Coastal Lumber Co. Revegetation to be carried out by Union Drilling Inc. (Agent)

This plan has been reviewed by Tygart Valley SCD. All corrections and additions become a part of this plan: 3-12-82

(Date) 3-12-82  
(SCD Agent) James H. Hark

Structure \_\_\_\_\_

Spacing \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

Structure Cross Drains

Spacing 250' ±

Page Ref. Manual \_\_\_\_\_

Structure Roadway Ditch

Spacing \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

Structure Diversions

Material Earthben

Page Ref. Manual \_\_\_\_\_

Structure \_\_\_\_\_

Material \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

Structure \_\_\_\_\_

Material \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

Structure \_\_\_\_\_

Material \_\_\_\_\_

Page Ref. Manual \_\_\_\_\_

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

REVEGETATION

Treatment Area I

Lime 3 Tons/acre or correct to pH 6.5

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

Mulch 2 Tons/acre

Seed\* KY 31 30 lbs/acre

Birdsfoot 10 lbs/acre

Domestic Rye 10 lbs/acre

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

Treatment Area II

Lime 3 Tons/acre or correct to pH 6.5

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

Mulch 2 Tons/acre

Seed\* KY 31 30 lbs/acre

Birdsfoot 10 lbs/acre

Domestic Rye 10 lbs/acre

PLAN PREPARED BY Jimmy Morgan

ADDRESS P.O. Drawer 40, Buckhannon, W. Va.

PHONE NO. 472-4610

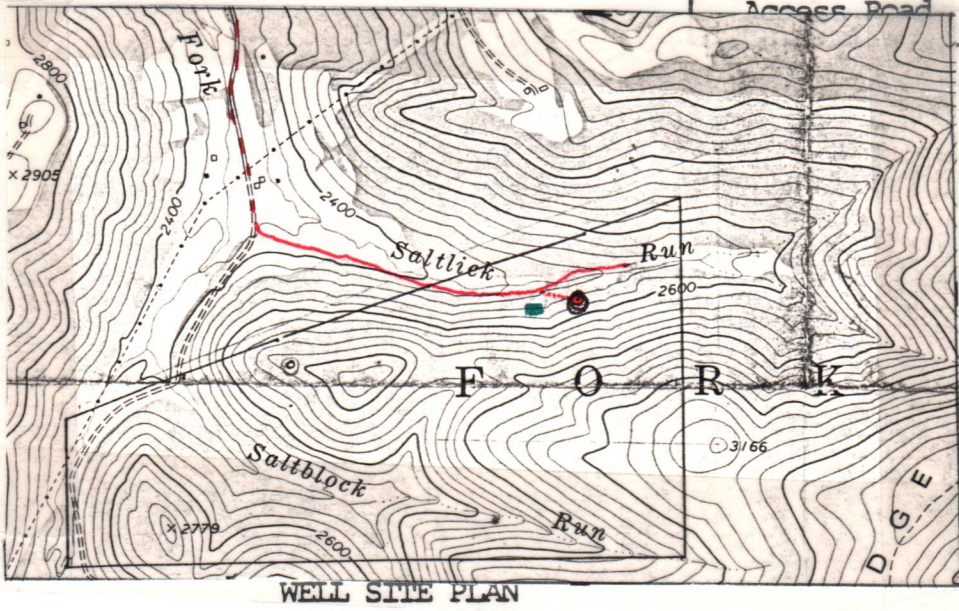
NOTES: Please request landowner cooperation to protect new seeding for one growing season. Attach separate sheets as necessary for comments.

ATTACH OR PHOTOCOPIED SECTION OF INVOLVED TOPOGRAPHIC MAP. QUADRANGLE Pickens 7.5

LEGEND

Well Site ⊕

Access Road ————



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

LEGEND

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

