FORM IV-2 (Obverse) (Obvers (08-78)

December 30 , 19 Date: Operator's 1 - 1755 Well No. API Well No. 47 - 083 0579 County State Permit

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

J. M. Huber #1 (1755)

	OIL AND GAS WELL PERIOIT
WELL TYPE:	Oil/ Gas/
	(If "Gas", Production X/ Underground storage / Deep / Shallow x/)

Elevation: 2782' Watershed: Saltlick & Saltblock Runs of Left Fork LOCATION: Quadrangle: Pickens District: Middle Fork County: Randolph

DESIGNATED AGENT UNION DRILLING, INC. WELL OPERATOR UNION DRILLING, INC.

P. O. Drawer 40 P. O. Drawer 40 Address

Buckhannon, WV 26201 Buckhannon, WV 26201

OIL & GAS ROYALTY OWNER J. M. Huber Corp. COAL OPERATOR P. O. Box 1319 Address Address

Maryville, Tenn. COAL OWNER(S) WITH DECLARATION ON RECORD: Acreage

37801

Coastal Lumber Company Name J. M. Huber Corp. SURFACE OWNER Box 8 P. O. Box 1319 Address Address

Maryville, Tenn. Dailey, WV 26259 37801 325 Acreage Name

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

COAL LESSEE WITH DECL JAN 4 - 1982 OIL & GAS INSPECTOR TO BE NOTIFIED Name

Robert Stewart (884-7782) Name Address OIL AND GAS DIVISION WY DEPARTMENT OF MINES Address P. O. Box 345

Jane Lew, WV 26378 UDI Lease #924

The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed \_\_\_ January 20 , 19 79 , to the undersigned well operator from J. M. Huber Corp. \_/ dated \_

to Union Drilling, Inc. (IF said deed, lease, or other contract has been recorded:)

Recorded on Feb. 4, 1981, in the office of the Clerk of the County Commission of Randolph \_\_\_\_ County, West Va. XXXXX, in <u>Deed</u>

Book 335 at page 527. A permit is requested as follows: PROPOSED WORK: Drill X / Drill deeper \_\_\_\_/ Redrill \_\_\_/ Fracture or stimulate X /

Other physical change in well (specify)

Plug off old formation\_\_\_ \_\_/ Perforate new formation \_\_\_

-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** COMMIS-SION 1615 WASHINGTON STREET EAST CHARLESTON, WV 25311

TELEPHONE: (304) 348-3092

UNIC	N DRI	ILLING,	INC.

Well Operator

10/20/2023

Pettey, Vice President Of Production

BLANKET BOND

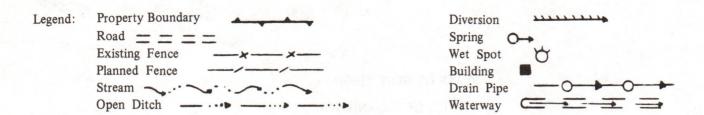
FORM IV-2 (Reverse) (08-78)

### PROPOSED WORK ORDER

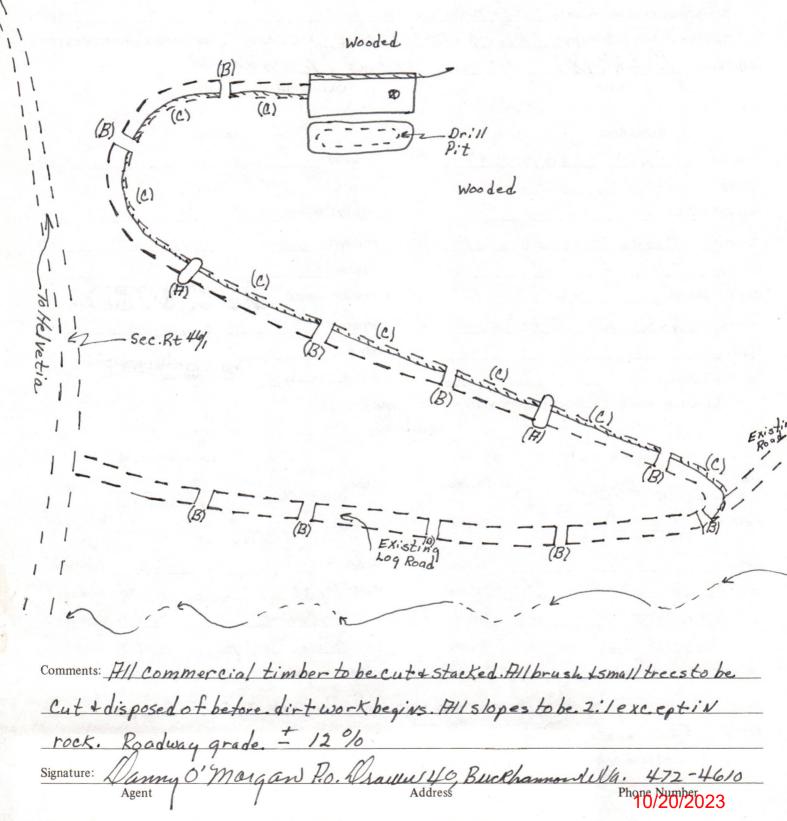
### THIS IS AN ESTIMATE ONLY: ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

TUBING TYPE Size Grade Weight per ft New Used For drilling Left in well (Cubic feet)	DRILLING CO	NTRAC	TOR (IF	KNOW	N) _	UNI	ON DRILLIN	G, INC.			
Estimated depth of completed well, 4400 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 / No/  CASING AND TUBING PROGRAM  CASING AND TUBING PROGRAM  CASING AND TUBING PROGRAM  CASING AND TUBING PROGRAM  CASING OR SPECIFICATIONS   New York   New York   New York   No/    CASING AND TUBING PROGRAM  CASING OR SPECIFICATIONS   New York   New York   New York   No/    CASING OR YES   SEE Grade   New York   New York   New York   No/    CASING OR THE YORK   N					Ad	dress	P.	O. Drawer	40		
Estimated depth of completed well,4400feet							. Buc	khannon, V	W 26201		
Approximate water strate depths: Fresh, ? feet; salt, ? foet.  Approximate coal seam depths: ? Is coal being mined in the area? Yes / No _x /  Approximate coal seam depths: ? Is coal being mined in the area? Yes / No _x /  CASING AND TUBING PROGRAM  CASING OR SPECIFICATIONS Size Grass West New Used For drilling Left in well (Coulc feet).  Conductor 11 3 54"	GEOLOGICAL	TARGE	T FORM	MATION	,	Ben	son				
Approximate water strate depths: Fresh, ? feet; salt, ? foet.  Approximate coal seam depths: ? Is coal being mined in the area? Yes / No _x /  Approximate coal seam depths: ? Is coal being mined in the area? Yes / No _x /  CASING AND TUBING PROGRAM  CASING OR SPECIFICATIONS Size Grass West New Used For drilling Left in well (Coulc feet).  Conductor 11 3 54"	Estimated	d depth	of comp	leted we	11,	440	0 fee	t Rotary	x / Cab	le tools	/
Approximate coal seam depths: ? Is coal being mined in the area? Yes / No _x											
CASING AND TUBING PROGRAM  CASING ON TUBING PROGRAM  CASING ON SPECIFICATIONS   Specific Arithmetic Country   Packers   Packer										/ No	x /
Deputy of the Department of Mines provides that the original and four copies of Form IV-2 must be filled with the Department, accompanied by (i) a plat in the form prescribed by Regulation 12, (or) unless provides that the original and four copies of Form IV-2 must be filled with the Department, accompanied by (i) a plat in the form prescribed by Regulation 12, or in live thereoff the other security allowed.  NOTE: Regulation 7.02 of the Department of Mines provides that the original and four copies of Form IV-2 must be filled 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 live thereoff the other security allowed. Placed a plate of the previous development of the work for which a permit is sought and is noted as such on the Form IV-2 filled in connection therewith.  This FERMIT MUST BE POSED AT THE WELL SITE  All provinous being in accordance with Chapter 22 of the W. V. accode, the securion is harsely approved for during the security in the security allowed the security allowed the province of the proposed well.  The undersigned call appraisor. Walver 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 call appraisor. Washed to be done at this location, the well location has been adoles with a applicable requirements of the West Virginis Code and the governing regulations.							A.A.				Charles Bayron
Conductor 11 3, 4" x 201 201 Cobic feet)  Fresh Water Cobic feet)  Sizes Grade Feet I New Uses For drilling Left in well Cobic feet)  Fresh Water Cobic feet)  Sizes Sizes Sizes Conduction 11 3, 4" x 201 201 Cobic feet)  Sizes Sizes Conduction 4 1/2" 10½ x 850 Sizes Sizes Conduction 4 1/2" 10½ x 850 Sizes Conduction 4 1/2" 10½ x 850 Sizes Conduction 4 1/2" 10½ x 850 Sizes Conduction 12 Cobic feet)  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 the form prescribed by Regulation 13, (ii) and in one of the form sprescribed by Regulation 12, or in the form prescribed by Code 22-4-12, (iii) Form IV-9, Recursively paid on the same well, the fee reclamation required by Code 522-4-12, (iii) Form IV-9, Recursively paid on the same well, the fee reclamation required by Code 522-4-12, (iii) Form IV-9, Code 522-4-12, and (iv) if applicable, the consent required by Code 522-4-12, (iii) Form IV-9, Code 522-4-12, (iii) Form	CASING AND	TODITO	Janos								
Size Grade per ft. New Used For drilling Left in well (Cobic 6881)  Conductor 11 3,4" x 201 201 201 Kinds  Feeth Water  Fresh Water  Fr	CASING OR	SPE	CIFICAT		1		FOOTAGE I	NTERVALS		PACKERS	
Intermediate 8 5/8" 20# x 8501 8501 to surface  Production 4 1/2" 10½# x 44001 as red, by Tulle 15.01.  Perforations:  Trubing  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 thereoff the other sec Gode 522-4-12 and Regulation 23. (iii) Form IV-9.  "Reclamation Plan", applicable to the reclamated by Code 522-4-12 and (v) if applicable, the consent required by Code 522-4-25 and segulation 21. (iii) Form IV-9.  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 POSIED AT THE WELL SITE  All provisors being in accordance with Chapter 22, of the W. Vo. Code, the location is hereby approved for drilling.  This permit shall expire if operations have not commenced by 9-5-82  Deputy Director - O'LOGA Division  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 receipit thereof.  WAIVER  The undersigned coal operator / owner / of the coal under this well location, has been added to the mine may The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has compiled with a applicable requirements of the West Virginia Code and the governing regulations.		Size	Grade		New	Used	For drilling	Left in well	(Cubic feet)		200 192 10
Intermediate 8 5/8" 20# x 850 850 to surface  Production 4 1/2" 10½ x 4400 Surface  Performance of the surface	Conductor	11 3/	4"	1	X		20'	20'		Kinds	
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 52-4-120, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code 52-4-120, and (v) if applicable, the consent required by Code 52-4-120, and (v)	resh Water	1.34	2.54	-		100					
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 522-412, (iii) Form IV-9, "Rechamation Plan", applicable to the reclamation required by Code 522-4120 and (v) if applicable, the consent required by Code 522-4120 and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code 522-4120 and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code 522-4120 and Regulation 23, (iv) unless previously paid on the same well, the fee 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 provinces being in decerdance with Chapter 22 of the W. Va. Code, the location is hereby approved for drilling . This permit shall expire if operations have not commenced by 9-5-82  Deputy Director - Output Dir	Coal				-			1,000		Sizes	Aut - 10-100
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 322-4-12, (iii) Form IV-9, "Reclamation Plans", applicable to the reclamation required by Code 522-4-12 and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code 522-4-12a, and (v) if applicable, the consent required by Code 522-4-12a, and (v) if applicable, the consent required by Code 522-4-12a, and (v) if applicable, the consent required by Code 522-4-12a, and (v) if applicable, the consent required by Code 522-4-12a, and (v) if applicable, the consent required by Code 522-4-12a, and (v) if applicable, the consent required by Code 522-4-12a, and (v) if applicable, the consent required by Code 522-4-12a, and (v) if applicable, the consent required by Code 522-4-12a, and (v) if applicable, the consent required by Code 522-4-12a, and (v) if applicable, the consent required by Code 522-4-12a, and (v) if applicable, the consent required by Code 522-4-12a, and (v) if applicable, the consent required by Code 522-4-12a, and (v) if applicable, the consent required by Code 522-4-12a, and (v) if applicable, the consent required by Code 522-4-12a, and (v) if applicable, the consent required by Code 522-4-12a, and (v) if applicable in Code and in Code and if applicable requirements of the West Virginia Code and the governing regulations.	ntermediate	8 5/8	3''	20#	X		850'	850'		1.74	300000
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 3:24-42, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code 5:22-4-12 band Regulation 23, (iv) unless previously paid on the same well, the fee required by Code 5:22-4-12a, and (v) if applicable, the consent required by Code 5:22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code 5:22-4-12a, and (v) if applicable, the consent required by Code 5:22-4-12a, and (v) if applicable, the consent required by Code 5:22-4-12a, and (v) if applicable, the consent required by Code 5:22-4-12a, and (v) if applicable, the consent required by Code 5:22-4-12a, and (v) if applicable, the consent required by Code 5:22-4-12a, and (v) if applicable, the consent required by Code 5:22-4-12a, and (v) if applicable, the consent required by Code 5:22-4-12a, and (v) if applicable, the consent required by Code 5:22-4-12a, and (v) if applicable, the consent required by Code 5:22-4-12a, and (v) if applicable, the consent required by Code 5:22-4-12a, and (v) if applicable well and in 2a possible an	Production	4 1/2	2''	1012#	x			4400'		Depths set	
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 522-4-2, (iii) Form IV-9, "Reclamation Plan", applicable to the reclamation required by Code 522-4-12b and Regulation 12, or in lieu thereof by Code 522-4-12b and Regulation 12. (ii) a bond in one of the forms IV-9, "Reclamation Plan", applicable, the fee required by Code 522-4-12b and Regulation 12. (ii) Form IV-9, Code 522-4-8a 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.  IHIS PERMIT MUST BE POSED AT THE WELL SITE  All provisions being in accordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling . This permit shall expire if operations have not commenced by 9-5-82  Deputy Director - O'D' of s Division  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	Tubing								as req. by rule 15.01.		Service Co.
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 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 § 22.4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22.4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22.4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22.4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22.4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22.4-12b and Regulation 23, (iv) unless previously paid on the same 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 occurrence with Chapter 22, of the W. Ve. Code, the location is bareby approved for drilling. This permit shell expire if operations have not commenced by 9-5-82  Deputy Director - Oil Offs Division  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 over proposed well ocation, the well location has been added to the fine map the proposed well ocation. If a mine map exists which covers the area of the well location, provided, the we	_iners					- 637				Perforations:	
the Department, accompanied by (i) a plat in the form 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 § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same 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 occordance with Chapter 22, of the W. Va. Code, the location is hereby approved for drilling. This permit shall expire if operations have not commenced by 9-5-82  Deputy Director - Oil DCGs Division  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 / owner / of the coal under this well location has been added to the finite map the undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with a applicable requirements of the West Virginia Code and the governing regulations.			1183	1						Тор	Bottom
the Department, accompanied by (i) a plat in the form 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 § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same 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, of the W. Va. Code, the location is bereby approved for drilling. This permit shell expire if operations have not commenced by 9-5-82  Deputy Director - O'D' Code South and the same part of 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 / owner / of the coal under this well location has been added to the finite map The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with a applicable requirements of the West Virginia Code and the governing regulations.	100										
the Department, accompanied by (i) a plat in the form 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 § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same well, the fee required by Code § 22-4-12b and Regulation 23, (iv) unless previously paid on the same 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, of the W. Va. Code, the location is bereby approved for drilling. This permit shell expire if operations have not commenced by 9-5-82  Deputy Director - O'D' Code South and the same part of 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 / owner / of the coal under this well location has been added to the finite map The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with a applicable requirements of the West Virginia Code and the governing regulations.		-	-	1	-				Williams diese		
WAIVER  The undersigned coal operator/ owner/ lessee/ of the coal under this 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 a applicable requirements of the West Virginia Code and the governing regulations.  By	As be partition of the W. V for dril operations he	separate I art of the I MUST as being Va. Code ling	Form Iv-2 work for  BE PO in acce , the lo	STED A  ordance cation is  This pe	T THI with herel	quired is sough	for fracturing oght and is noted  L SITE  er 22,  eroved	r stimulating a	well where fracturing	or stimulating i	s to ith.
WAIVER  The undersigned coal operator/ owner/ lessee/ of the coal under this 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 a applicable requirements of the West Virginia Code and the governing regulations.  By		610 ee • • • •	••••	•••••		•••••				e who has rocor	ded a
The undersigned coal operator/ owner/ lessee/ of the coal under this 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 a applicable requirements of the West Virginia Code and the governing regulations.  By	The	following laration	g waiver i	must be o	comple 4-20,	ted by	the coal operato permit is to be	or and by any co issued within	fifteen (15) days of	receipt thereof.	ucu a
proposed well location. If a mine map exists which covers the area of the well location, the well location has been added to the limit map. The undersigned has no objection to the work proposed to be done at this location, provided, the well operator has complied with a applicable requirements of the West Virginia Code and the governing regulations.  By							WA	IVER			
By.	proposed well The undersign	l location ned has	. If a min	e map extion to the	rists w	hich co k prope	vers the area of	f the well locati e at this location	on, the well location hon, provided, the well	nas been added	o the mine map
By.										Part Charles	A THE THE
D. I.	1			1.	0			By	F1200010		

A11211311		Date 12 - 15		19 81
PEOS	(A)	Well No/75.5		
hay notifile	2 600	The state of the s		C79
ZZ 750 22 10		State	- Randolph - County	Permit
Conservation Solid	81 [0]			
Conservation District	STATE OF WES	ST VIRGINIA		
(01-80)	OFFICE OF O			
	011102 01 01			
ompany Name UNION Drilling I	INC.	Designated Agent UNA	ON Drilling In	Ic.
Address P. D Drawer to, Buck	harron W.Va.	Address P.O. Dr	awer 40, Buckha	NNON WVa
Telephone 472-4610		Telephone	72-4610	
andowner COAstal Lumber	. 60.	Soil Cons. District Ty	gart Valley	
Revegetation to be carried out by 111	VION Drilling I			(Agen
This plan has been reviewed by	Tygartobo	elley SCD. All o	orrections and additions l	become a part
f this plan/2/23/8/	00	and Freem	ean	
(Date)		(SCD Agent)		
Access Road			Location	
ructure Cylvent Pipe (12 M			iversion	
pacing at Natural Drains	5	Material Eq	rthen	
ge Ref. Manual		Page Ref. Manual		
ructure Cross Drains	(B)	Structure		(2)
pacing 250' -		Material		
ge Ref. Manual		Page Ref. Manual	ECENVE	10)
ructure Roadway Dite		Structure		(3)
pacing		Material	JAN 4 - 1982	
age Ref. Manual	Children to 1	Page Ref. Manual	OIL AND GAS DIVISION OF MIN	IES
All structures should be inspected regul				
	Reveget			
Treatment Area I	Revegen	ation	Treatment Area II	
	Tonslages	T inne		
or correct to pH 6.5	Tons/acre	or correct to pH	6.5	Tons/acre
ertilizer LAO	lbs/acre	Fertilizer	600 O or equivalent)	lbs/acre
600				
ulch 2			2	
ulch 2		Seed* Ky 31	30	
ulch 2		Seed* Ky 31 Birdsfoot	30	
ulch 2	lbs/acre	Seed* Ky 31 Birdsfoot	30	lbs/acre
Birds foot 10  Domestic Rye 10	lbs/acre lbs/acre lbs/acre	Seed* Ky 31 Birdsfoot Domestic	30 10 Rye 10	lbs/acre lbs/acre
ed* Ky 3/ 30  Birds foot /0  Domestic Rye /0  noculate all legumes such as vetch, trefoil	lbs/acre lbs/acre lbs/acre and clovers with the pr	Seed* Ky 31  Birdsfoot  Domestic  roper bacterium. Inoculate	Rye 10 with 3X recommended a	lbs/acre lbs/acre lbs/acre amount.
ed* Ky 3/ 30  Birds foot /0  Domestic Rye /0  Inoculate all legumes such as vetch, trefoil  ttach or photocopy section of involved To	lbs/acre lbs/acre lbs/acre and clovers with the pr	Seed* Ky 31  Birdsfoot  Domestic  roper bacterium. Inoculate	Rye 10 with 3X recommended a	lbs/acre lbs/acre lbs/acre amount.
ed* Ky 3/ 3/ Birds foot // Domestic Rye // noculate all legumes such as vetch, trefoil trach or photocopy section of involved Togend:  Well Site	lbs/acre lbs/acre lbs/acre and clovers with the propographic map. Quadr	Seed* Ky 31  Birdsfoot  Domestic  roper bacterium. Inoculate	Rye 10 with 3X recommended a	lbs/acre lbs/acre lbs/acre amount.
ed* Ky 3/ 30  Birds foot /0  Domestic Rye /0  Inoculate all legumes such as vetch, trefoil  ttach or photocopy section of involved To	lbs/acre lbs/acre lbs/acre and clovers with the pr	Seed* Ky 31  Birdsfoot  Domestic  roper bacterium. Inoculate	Rye 10 with 3X recommended a	lbs/acre lbs/acre lbs/acre amount.
ed* Ky 3/ 3/ Birds foot // Domestic Rye // Inoculate all legumes such as vetch, trefoil ttach or photocopy section of involved Together (a) well Site	lbs/acre lbs/acre lbs/acre and clovers with the propographic map. Quadr	Seed* Ky 31  Birds foot  Domes tie  roper bacterium. Inoculate  rangle  Pickers 7	Jo Jo Rye 10 with 3X recommended a	lbs/acre lbs/acre lbs/acre amount.
Birds foot  Domestic Rye  Inoculate all legumes such as vetch, trefoil  ttach or photocopy section of involved To egend:   Well Site	lbs/acre lbs/acre lbs/acre and clovers with the propographic map. Quadr	Seed* Ky 31  Birds foot  Domes tie  roper bacterium. Inoculate  rangle  Pickers 7	Nye 10 with 3X recommended a	lbs/acre lbs/acre lbs/acre amount.
Inoculate all legumes such as vetch, trefoil attach or photocopy section of involved To egend:	lbs/acre lbs/acre lbs/acre and clovers with the propographic map. Quadr	Seed* Ky 31  Birds foot  Domes tie  roper bacterium. Inoculate  rangle  Pickers 7	yttiek 16/2	lbs/acre lbs/acre lbs/acre amount.
eed* Ky 3/ 3/ Birds foot /6  Domestic Rye /6  Inoculate all legumes such as vetch, trefoil ttach or photocopy section of involved To egend:	lbs/acre lbs/acre lbs/acre and clovers with the propographic map. Quadr	Seed* Ky 31  Birds foot  Domes tie  roper bacterium. Inoculate  rangle  Pickens 2	yttiek 16/2	lbs/acre lbs/acre lbs/acre amount.
eed* Ky 3/ 30  Birds foot /0  Domestic Rye /0  Inoculate all legumes such as vetch, trefoil ttach or photocopy section of involved To egend:   Well Site	lbs/acre lbs/acre lbs/acre and clovers with the propographic map. Quadr	Seed* Ky 31  Birds foot  Domes tie 1  roper bacterium. Inoculate  rangle Pickens 2	yttiek 16/2	lbs/acre lbs/acre lbs/acre amount.
ed* Ky 3/ 3/ Birds foot /6  Domestic Rye /6  Inoculate all legumes such as vetch, trefoil ttach or photocopy section of involved To egend:  — Access Roan	lbs/acre lbs/acre lbs/acre and clovers with the propographic map. Quadr	Seed* Ky 31  Birds foot  Domes tie  roper bacterium. Inoculate  rangle  Pickens 2	yttiek 16/2	lbs/acre lbs/acre lbs/acre amount.



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



Please request landowners cooperation to protect new seeding for one growing season.

FORM IV-2 (Obverse) (08-78) WAIVER

Date:	December	30	, 19	81	Ta.
			_		

Operator's United No. 1 - 1755

API Well No. 47 - 083 -

State County Permit

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

J. M. Huber #1 (1755)

storage/ Deep/ Shallow <u>x</u> /)
Saltlick & Saltblock Runs of Left Fork
andolph Quadrangle: Pickens
ESIGNATED AGENT UNION DRILLING, INC.
Address P. O. Drawer 40
Buckhannon, WV 26201
OAL OPERATOR Avanti Mining Company, Inc
Address Helvetia, WV 26224
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 DOCTORD
Address
MAR 1 6 1982
OIL AND GAS DIVISION
JDI Lease #924 OIL AND GAS DIVISION WY DEPARTMENT OF MINES
es at the above location under a deed/ leaseX
undersigned well operator from J. M. Huber Corp.
he County Commission of Randolph County, Wes
rmit is requested as follows:
/ Fracture or stimulate X /
w formation/
reverse side hereof.
notified that any objection they wish to make or are required t

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	SUBMI	T COF	PIES OF	ALL
GEOPH	YSICAL	LOGS	DIRE	CTLY
то:	11 72			
	VIRGINI			
COI	NSERVA	TION	COM	IMIS-
SION				
1615 WA	SHINGT	ON S	TREET	EAST
CHARLI	ESTON,	WV 2	5311	
TELEPH	IONE: (3	304) 34	48-3092	

UNION DRILLING, INC.

Well Operator

By

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 CO	ONTRAC	TOR (IF	KNOW	N) _	UNI	ON DRILLIN	G, INC.			
				Ad	dress	Р.	O. Drawer	40		
					-	, Buc	khannon, I	VV 26201		
GEOLOGICAL						1/				
								/ Cab	le tools	_/
Approxi	mate wat	er strata	depths:	Fres	h,?	feet	; salt,	? feet.		
Approxi	mate coal	l seam d	epths:		?	Is coal	being mined	in the area? Yes	/ No	<u>x</u> /
CASING AND	TUBING	G PROG	RAM							
CASING OR TUBING TYPE	SPE	CIFICAT	IONS   Weight   per ft	New	Used		INTERVALS	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	
Conductor	11 3/	111		x		20'	20'		Kinds	
Fresh Water	11 3/	4		1		20	20			
Coal				-			1.00		Sizes	A Comment
Intermediate	8 5/8	11	20#	x		850'	850'	to surface		
Production	<u> </u>	1	10½#			030	4400'	300 sks. or	Depths set	
	4 1/2	1	10-2π	X			4400	as req. by rule 15.01.	332	maga daga
Tubing			-					rule 15.01.		
Liners		-	-						Perforations:	
		<del> </del>	-	-					Тор	Bottom
			-	-	-					
previ Code	\$22-4-8 separate F	d on the sa from the form Iv-2	same well he owner shall not	l, the for of ar	fee required f	uired by Code ser well or dwe	22-4-12a, and lling within 20 r stimulating a	22-4-12b and Regulat (v) if applicable, the control of feet of the propose well where fracturing a Form IV-2 filed in control	consent required d well.  or stimulating is	to
	• • • • • • • •	•••	•••••	• • • • • •	•••••	• • • • • • • • • • • • • • • • • • • •	•••••			
The decl	following aration u	waiver r	nust be co de 22-4	omplet l-20, i	ted by t	he coal operator ermit is to be	r and by any co issued within	al owner or coal lesses fifteen (15) days of	e who has record receipt thereof.	ed a
			New York			WAI				
proposed well The undersig	location.	If a min	e map exi	ists whe	nich cov	vers the area of	the well location	f the coal under this on, the well location hon, provided, the well as.	as been added to	the mine map.
40 4		0		80			By Jos	W. Z. HARDS	STY AVANT	Www.
Date: MA	NCH	8	, 19	8 2			Its 7	DESTANT.	1	7,0000
							113 /	ILESI DE		4



1)	Date:	October 3	1		9 83
2)	Operator's Well No.	1-1755		-2(B)	VI MNO1
3)	API Well N	0. 47	083	-	0579-Rer
		State	County		Permit

APPLICATION TO RENEW EXPIRED PERMIT

County

Permit

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

				A	PPLICA	IUN FUR A WEI	L WURK PERMI	11	
4) WELL TY	PE: A O	ili <u>was</u>	120/ G	as		ONS OF ANY	NE CONDIT	DIFICATIONS A	PERMIT MO
	В (І	f "Gas",	Production		(	_/ Underground	storage	/ Deep	_/ Shallow X_/)
) LOCATIO	N: Ele	vation:	2782					altblock Runs	of Left Fork
	Dis	trict: M	iddle	Fork		_ County:	Randolph	Quadrangle: _	
WELL OP	ERATOR_	Union	Drill	ing,	Inc.		7) DESIGNATE		oh C. Vanzant, Jr.
Address	,		ce Dra		CONTRACTOR OF THE PARTY OF THE		Address	Post Office	
	Buck	hanno	n, WV	262	201			Buckhannon,	WV 26201
OIL & GA				FIED			9) DRILLING		6
	Phillip				1.00			on Drilling, I	Consider the Market Control of the C
Address			Delive	_	7		Address	Post Office	
	EII	amore		2626				Buckhannon,	WV 26201
PROPOSE	D WELL	WORK:	Drill	X	_/ Drill	deeper		/ Stimulate	THE APPROPRIE
						/ Perfor	ate new formatio	n/	リドのほり
						well (specify)			
GEOLOGI				A .					777
12) Estima					00	feet			NOV 1 - 1983
13) Appro						feet; salt		feet.	V
14) Appro						Is co	al being mined in the	ne area? Yes	/ No/
CASING A	AND TUBI								OIL & GAS DIVISI
ASING OR UBING TYPE			Weight	1	. 10	FOOTAGE I	1	OR SACKS	DEPACKERS MI
	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	
ductor	11-3/4			X		20'	20'		Kinds
sh water									
d	8-5/8	1000	20#	X		9501	9501	to sumface	Sizes Sizes
ermediate	4-1/2		10.5"	X		850' 4400'	850' 4400'	to surface	Rule Rule
duction	4-1/2		10.5	Λ		4400	4400	300 sacks	Depths set on by Orc
ers						ray O'Ge G G	2 110		Perforations:
CIS				113	1		Intron 30 total	and the second and	Top Bottom
		20000				IK Selving that the	15 15 28 13 7 2181	3.3.0.031.0.1.61.3	Востон
							nté	a company	
					er a ne ne ne ne f	and the Ta			bevioner northering A
				V Z	and the same	OFFICE USE (	ONLY		
						DRILLING PE	RMIT		Well work statted
	47	-083-0	0579-Re	en				Nov	vember 17, 1983
mit number_		003	337 7 110				-	Da	
		.,							
									nce with the pertinent legal re-
									ntractor shall notify the proper
rict oil and g	as inspector	r 24 hour	s before ac	tual pe	rmitted w	ork has commence	d.)		D3713D312D403342434
permitted w	ork is as de	scribed in	the Notic	e and A	pplication	n, plat, and reclama	ation plan, subject	to any modifications a	and conditions specified on the
erse hereof.	N	ovzombo	er 17,	1985					
mit expires _	IN	Ovenibe	=1 1/,	190.		unless well	work is commence	ed prior to that date and	d prosecuted with due diligence.
		- 12							THER INSPECTIONS
Bond: DAN	Agent	2	Plat:	Casir	18/	Fee	1	1	
EI DUN	1/1	6	4	21	-	1200	11-11/16		
35 10 35 18	XD	1e	- 1		10	385	Valle	NA V	
						<u> </u>	A money	mer	Restor Comp
TE: Keep o	ne conv of	this narr	it posted	at the d	rilling los	ation	Adr	ministrator, Office of (	Oil and Gas
ie. Keep o	ne copy of	uns pern	in posted a	it the d	ming loca	ation.			File
		6	the reverse	eide o	f the ADE	LICANT'S COPY	for instructions to	o the well operator.	10/20/2023

FORM	IV-2(B)
Davarca	

FILE COPY

3) API Well No.



FILE COL

FORM IV-2(B) (Obverse)

	and a	TATE OF WEST VIRGINIA			
		OFFICE USE ONLY			
PERMIT MODI	IFICATIONS A	AND CONDITIONS (IF ANY	) TO THE PROPOS	SED WELL WO	RKT JJAW (
	/ Deep	/ Underground storage			
S of Metterons		Watershed: Que Control	- 20 / C		LOCATION
	dgnatbauQ	County: Standard off		District:	
ALO SUBMINISTRA DE LA SELECTION DE LA SELECTIO	DAGENT WOOD	Address () Address	Via movisitio		
7505 71	rouge delones	CONTRACT			
1.581	2 a 2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	9) DRILLING C	E NOTIFIED	INSPECTOR TO BE	OIL & GAS
ON TOTAL OF		Address	e yiqvili		Address
10202 V 1					
REGELVE		deeper Redrill  / Perforate new formation well (specify)	Plug off old formation Other physical change in		
COOL THINK		feet e regionale	well, 4209	ed depth of completed	12) Estimat
Coci			Prosb,	imate frafa depths: - E	(3) Арргох
No No	ic area? Yes	Is coal being mined in th		itaaté coal seam depth	14) Approx
OIL & GAS DIVISIO				ND TUBING PROGR	
DEPTERDE MIN	CEMENT FILLS OR SACKS	FOOTAGE INTERVALS	ICATIONS Project 1		SING OR
		For drilling Left in well	peritt. New Used		
		205 205			
8758					
		TOTAL TOTAL			
A STATE OF THE PARTY OF THE PAR		OFFICE USE ONLY			911
Perforations					
This part of Form IV-2(b) is	s to record the	dates of certain occurrences ar	nd any follow-up ins	pections.	
		Pate		Date	e(s)
Application received		Follow-up	inspection(s)		
		DRILLING PERMIT			
Well work started		ETHINGS T THE STATE			
Completion of the deilling					
of rate for antisecont section in the		below; is evidence of permission grain reverse hereof. Notification most be		tathe conditions can	
Reclamation completed		s, plate and reclamation plan, subject	te Notice and Application	rk is as described in th	
and prosecuted with one diligence.		The state work is compened			
OTHER INSPECTIONS					

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

Reason:

Reason:

in my County and State by
Joseph C. Pettey
this 31 day of October

Notary Public, Upshur State of West Virginia

My commission expires 3-19

1) Date: October 31 ,19 83

2) Operator's

Well No.

1-1755 3) API Well No. 47 · 083 ·

State County Perm

## TO RENEW EXPIRED PERMLT

### STATE OF WEST VIRGINIA DEPARIMENT OF MINES, OFFICE OF OIL & GAS

) SURFACE OWNER (		TO BE SERVED		COAL OPERATOR Avanti Mining Company, In
	al Lumber Co		- (-/	Address Helvetia, WV 26224
Dai		6259	5(ii)	COAL OWNER(S) WITH DECLARATION ON RECORD Name J. M. Huber Corporation
(ii) NameAddress				ddress Post Office Box 1319
iii) Name Address		P 471 413	733	Maryville, TN 37801
		NO INSURANCE COVERAGE P	ROVIDED-	L LESSEE WITH DECLARATION ON RECORD:
		(See Reverse)	10.00	address
_		Coastal Lumber Com	pany	
T	(1) The App	Box 8		om and the following documents:  (or Form IV-4 if the well is
	to be p and des cementi	Dailey, WV 26259	2 4 4	he drilling or other work, ble, the proposed casing and
	(2) The pla (3) The Con plug a	Postage	\$	ess the well work is only to
	reclama THE REASON	Certified Fee	ALUGACIA E E E	ediment control and for
(1	FORM IV-2(B) OF	Special Delivery Fee		GHTS REGARDING THE APPLICATION  F THE COPY OF THE APPLICATION  OT REQUIRED TO TAKE ANY
-	Take notice tator proposes	Restricted Delivery Fee Return Receipt Showing		, the undersigned well op-
fo De	or a Well Work	to whom and Date Delivered Return Receipt Showing to whom,	to App Lice to Office Loughton	and accompanying documents il and Gas, West Virginia ribed on attached Application
Cc	nd depicted on onstruction and on the r	Date, and Address of Delivery  TOTAL Passage and Fees	17.	Application, the plat, and the or certified mail or delivered in circumstances) on or
be	efore the day c	Postmark or Date	18/12	In circuits carces) on or
6)	Check and pro	1983	to Charles	NOV1 - 1983
	I hold E	une was	on (4) . (Se	verse side for specifics.) OIL & GAS DIVISION
7)	ROYALTY PROVI	xtract, produce or market the	oil or gas	DEPT. OF MINE
	TOT COMPENSALTON C	o the owner of the oil or gas oil or gas so extracted, production	in nlace w	which is not inherently related the YY Share No XX
and the second of	If the ans you may use Affida	swer above is No, nothing add: avit Form IV-60.	itional is:	needed. If the answer is Yes,
	See the rever the required Reclamation R	rse side for line item instructions of the Notice and Applelan.	ctions, and lication, p	for instructions concerning plat, and Construction and
The truth of the Notice and Appli			WELL	TOP Union Dailling
and sworn to and			OPERA	TOR Union Drilling, Inc.
signed on behalf			By	Joseph ( - Litter

19 83

County,

10/20/2023

26201

Production

Its Joseph C. Pettey, Vice President of

Address P. O. Drawer 40

Telephone 304-472-4610

Buckhannon, WV

CTAY	NO INSURANCE COVERAGE NOT FOR INTERNATION (See Reverse	PROVIDED— NAL MAIL	o N S T	P 471 413 RECEIPT FOR CERTIFIE NO INSURANCE COVERAGE PR NOT FOR INTERNATIONAL (See Reverse)	ED MAIL OVIDED—
WMAYS BUATED	Avanti Mining Con Street and No.		served ore that in subs	J. M. Huber Corpora Street and No. P. O. Box 1319 P.O., State and ZIP Code	ation
	Helvetia, WV 2	6224 s	firm, does of	Maryville, TN 378	801
5 (i	Certified Fee		in lieu	Postage  Certified Fee	\$
	Restricted Delivery Fee		2 P. S. S. C. P. S. S. S. C. P. S.	Restricted Delivery Fee	06.00 0.00
32 US 38 MIN	Return Receipt Showing to whom and Date Delivere Return Receipt Shewing to wh Date, and Address of Delivery	om,	AND SEF	Return Receipt Showing to whom and Date Delivered Return Receipt Showing to whom, Date, and Address of Delivery	X
PS Form 3800, Feb. 198	TOTAL Postage and Fees Postmark or Pare	\$ 172	ribed k or in on requestion of requestion on requestion of	TOTAL Postage and Fees CT Postmark or Date 31 1983	50/72

# 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 Corporation	Union Drilling, Inc.	$\frac{1}{8 \text{th}} = \frac{335}{527}$



IV-35 OIL & GAS DIVISION (Rev 8-81) DEPT. OF MINES



# State of Mest Nirginia

Department of Mines Gil und Gas Division

	January 30, 1984					
Operator's						
Well No	1-1755					
Farm	J.M.Huber Corp. #1					
1DT 11-	47 093 0570					

(Continue on reverse side)

WELL OPERATOR'S REPORT

OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

WELL	TYPE:	Oil/ Gas_x_/ Liquid Injection (If "Gas," Production/ Undergrou	/ I	Waste orage	e Disposa e/ Deep	l/ p/ Sha	illow <u>x</u> /)
LOCAT	ION:	Elevation: 2782' Watershed Sa	ltblo	ck Ru	ıns of Lef	t Fork	
		District: Middle Fork County Rando	lph	(	Quadrangle	Picker	ns
COMD A	NTV						
		Union Drilling, Inc.					Cement
		P.O.Drawer 40, Buckhannon, WV 26201	Caşi	1	Used in		fill up
		AGENT Joseph C. Vanzant, Jr.	Tubi		Drilling	in Well	Cu. ft.
		P.O.Drawer 40, Buckhannon, WV 26201	Size				a 8 a
		NER Coastal Lumber Co.	Cond				
		Box 8, Dai;ey, WV 26259	13-10	0"	24'	pulled	
		GHTS OWNER J.M.Huber P.O.Box 1319, Maryville, TN 37801	9 5/	8			
	-		8 5/	8	834.5'		234 cf
		S INSPECTOR FOR THIS WORK	7				
		wart ADDRESS P.O.Box 345, Jane Lew. WV	5 1/3	2			
		SUED 11/17/83 26378	4 1/	2	3798.1'		501 cf
		OMMENCED 1/12/84	3				
		OMPLETED 1/17/84	2				
		ABLE: PLUGGING OF DRY HOLE ON PROGRESSION FROM DRILLING OR	Line	ra			
REWOR		VERBAL PERMISSION OBTĂINED	use				
ON			<u></u>				1
		TARGET FORMATION Benson					00' feet
	Depth	of completed well 3907' feet R	otary	X	_/ Cable	e Tools_	
	Water	strata depth: Fresh 75' feet;	Salt_		feet		
	Coal	seam depths: 306/09, 315/18 418/23	Is co	oal h	ceing mine	ed in the	area?n
OPEN	FLOW	DATA					
	Produ	cing formation 4th Sand, 5th Sand, Benso	on	Pay	zone dept	<b>h</b> 366	2' feet
		Initial open flow show Mcf/d					
		Final open flow 223 Mcf/d					
		Time of open flow between initi					
	Stati	.c rock pressure 900# psig(surface			-		
	(If a	mplicable due to multiple completion-	_)				
	Secon	nd producing formation		Pay	zone dept	-h 10/	20/2023 feet
	Gas:	Initial open flow Mcf/d	Oil:	Init	tial open	flow	Bbl/d
		Final open flow Mcf/d					
					T	-	_
		Time of open flow between initi	al and	d fir	nal tests	ho	urs

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

Halliburton - 2 stage Foam Frac - 2/1/84

2027/30 - 4th Sand - 450 sks.sand, 601 Bbls water and 345,000 scf nitrogen

2106/09 - 5th Sand

3659/62 - Benson - 450 sks.sand, 549 Bbls water and 350,000 scf nitrogen

### WELL LOG

FORMATION COLOR H	ARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all freshand salt water, coal, oil and gas
Sand & Shale Coal Sand & Shale Coal Sand & Shale Coal Sand & Shale Little Lime Big Lime Big Injun Squaw 4th Sand 5th Sand Bayard Lower Bayard Benson		0 306 309 315 318 418 423 1138 1248 1376 1534 1870 1914 2002 2045 3610	306 309 315 318 418 423 1138 1195 1319 1405 1550 1907 1934 2032 2072 3694 3907	1/2" stream water @75' T.D. gas show

(Attach separate sheets as necessary)

Union Drilling, Inc.

Well Operator

By: 10/20/2023

Date: Joseph C. Pettey, Vice President of Production

2/14/84

Note: Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall m

"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 Gil and Gas Division Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT

OIL & GAS DIVISION
DEPT. of MINES

COMPANY	Union Dsilling	PERMIT NO	<b>83-519</b> 11/8
		FARM & WEL	L NO Huber 1753
			UNTY Middle fast Road
DILLE	DEGGD IDET ON		IN COMPLIANCE
RULE	DESCRIPTION		YES NO
23.06 25.04 25.03 16.01 15.03 15.02 15.01	Notification Prior to Starting Work Prepared before Drilling to Prevent Wa High-Pressure Drilling Required Permits at Wellsite Adequate Fresh Water Casing Adequate Coal Casing Adequate Production Casing Adequate Cement Strenght	aste	
15.05 23.02	Cement Type		
25.02	Maintained Access Roads		
23.04	Necessary Equipment to Prevent Waste Reclaimed Drilling Pits		
23.05	No Surface or Underground Pollution		
23.07	Requirements for Production & Gatherin	Di 1 i	
16.01	Well Records on Site	ig ripelines	
16.02	Well Records Filed		
7.05	Identification Markings		
, • 05	ruchtification markings		
I HAVE ]	NSPECTED THE ABOVE CAPTIONED WELL AND R	RECOMMEND THA	AT IT BE RELEASED:
		SIGNED 7	hellip Swey
		DATE	8-10-84
with Cha	1 record was received and reclamation repter 22, Article 4, Section 2, the above for the life of the well.	requirements re well will	approved. In accordance remain under bond
		Administrat	or-Oil & Gas Division
		Augus	t 21, 1984
			DATE

