FORM	11/-0
(Obvers	ie)
(08-78)	

Date: June 10 , 19 81

Operator's Well No. 1 - 1681 - U

API Well No. 47 - 083 - 0486

	WEST VIRGINIA State County Permit
	ES, OIL AND GAS DIVISION J. M. Huber Corporation #1
	S WELL PERMIT (1681-U)
WELL TYPE: Oil/ Gasx/	
(If "Gas", Productionx/ Und	lerground storage/ Deep/ Shallowx_/)
LOCATION: Elevation: 2520 Wa	tershed: Buckhannon River
District: Middle Fork Co	unty: 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 Corporation Attn: John Hendrikson	COAL OPERATOR
Address P. O. Box 1319	Address
Maryville, Tenn. 37801	
Pract 8-7M Acreage 6,502	COAL OWNER(S) WITH DECLARATION ON RECORD:
SURFACE OWNER <u>Coastal Lumber Company</u>	Name J. M. Huber Corporation
Address5th Street	Attn. John Hendrikgen
Buckhannon, WV 26201	
Acreage 100	Name
FIELD SALE (IF MADE) TO:	Address
Address Not Determined at this time	D)]=(C)EI\V)=\N
46	COAL LESSEE WITH DECLARATION ON RECORD:
OIL & GAS INSPECTOR TO BE NOTIFIED	Name JUN 1 7 1981
Name Robert Stewart (884-7782)	
Address P. O. Box 345	OIL & GAS DIVISION
Jane Lew, WV 26378	DEPT. OF MINES
The undersigned well operator is entitled to operate for oil or ga	UDI LEASE #789 (Huber) as purposes at the above location under a deed/ leasex
	_, 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 March 4 19 77 in the office of the	on March 19,1977
in Randolph Co. and mile office of the (Ran.) Deed 306 636 West, in (Web.) Lease Book 10 at page 602	Clerk of the County Commission * Webster County, West A permit is requested as follows:
PROPOSED WORK: Drill x / Drill deeper /	Podeill / Factorial as follows:
Plug off old formation / Park	rectin/ Fracture or stimulate X /
	orate new formation
other physical change in well (specify)	li ovaxs Rode tamou adi

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.

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

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.

Well Operator

By Dean H. Bucher, Geologist

PROPOSED WORK ORDER

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

DRILLING CO	ONTRACT	TOR (IF	KNOWN	1)		UNION DE	TITITING, TIN	C	
				Add	lress _	P. O. Dr	cawer 40		
					_	Buckhann	on, WV 26	201	
GEOLOGICAL	TARGE	T FORM	MATION,		Ве	nson			
Estimate	d depth	of comp	leted wel	1,	4	200 fee	t Rotary	x/ Cable	e tools/
								? feet.	
									/ No/
CASING AND									
CASING TINE				,			Ţ.	<u> </u>	
CASING OR TUBING TYPE	SPE	CIFICAT Grade	Weight per ft	New	Used	FOOTAGE I	Left in well	OR SACKS (Cubic feet)	PACKERS
Conductor	11 3/4	4"		х		20'	20'		Kinds
Fresh Water									
Coal								and the first	Sizes
Intermediate	8 5/8		20#	x	2-7	900'	900'	to surface	
Production	4 1/2		10½#	x		¥100	4100'	410 350 sks. or	Depths set
Tubing	1 1/2							ly rule 15401	• •
Liners	1575	5							Perforations:
Lillers								Lind in the	Top Bottom
		-		+					
	-			1					
"Re prev Cod A be p	clamation viously paid e \$22-4-8 separate part of the	Plan'', id on the Ba from Form Iv-2 work for	applicabl same we the owne 2 shall no which a	e to the lift, the service of an are to be reconstructed to the reconstructed to the lift.	ne recla fee req ny wate quired is soug	amation required by Code er well or dwe	§ 22-4-12a, and elling within 20	wed by Code § 22-4-22-4-12b and Regulat (v) if applicable, the confect of the propose well where fracturing a Form IV-2 filed in confect of the propose well where fracturing a Form IV-2 filed in confect of the propose well where fracturing a Form IV-2 filed in confect of the propose well where fracturing a Form IV-2 filed in confect of the propose well where fracturing a file of the propose well a file of the propose well where fracturing a file of the propose well where fracture where fracturing a file of the propose well where fracture where fractur	onsent required by d well.
f the W. Va	Here	location The menced	on is her is permit by 2-2	shall	pprove	2, ad if			
f the W. Va	one not com	location. The menced	on is her is permit by 2-2	shall	pprove	2, ad if	tor and by any co	oal owner or coal lesses of fitteen (15) days of	the who has recorded a receipt thereof.
the W. Va	one not com	location. The menced	on is her is permit by 2-2	shall	pprove	2, ad if	or and by any ce issued within	oal owner or coal lessen fifteen (15) days of	ee who has recorded a receipt thereof.
the W. Va	not competer - Oil	The menced are waiver under C	Division must be dode 22	comple-4-20,	pprove expire	the coal operate permit is to b	AIVER		
The under proposed w	not competer - Oil	ng waiver under Co	Division The must be code 22	comple-4-20,	expire expire eted by if the	the coal operarpermit is to b WA / less overs the area opsed to be do	AIVER see/ of the well locat	of the coal under this tion, the well location lion, provided, the well	well location has examined this has been 23/4/5//2024 ine map.
The under proposed w	not competer - Oil	ng waiver under Co	Division The must be code 22	comple-4-20,	expire expire eted by if the	the coal operarpermit is to b WA / less overs the area opsed to be do	see/ of the well location at this location regulation	of the coal under this tion, the well location l tion, provided, the we tons.	well location has examined this has been 23/4/5//2024 ine map.
The under proposed w	not competer - Oil	ng waiver under Cooal operan. If a mis no objects of the	Division The must be code 22	comple-4-20,	expire expire eted by if the	the coal operarpermit is to b WA / less overs the area opsed to be do	AIVER see/ of the well location at this location	of the coal under this tion, the well location l tion, provided, the we tons.	well location has examined this has been 3.445.2024 ine map. Il operator has complied with all

Diversion
Spring
Wet Spot
Building
Drain Pipe
Waterway

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.

Wooded

Orill

B'

Wooded

TO NEWLONTON

TO NEWLONTON

TO UP Grade & Maintain +
Put Cylvotts in as Needed

Sec. Rt. 46

Sec. Rt. 46

Sec. Rt. 46

Sec. Rt. 46

Comments: All Commercial timberto be cut + Stacked. ALL brush + Small trees

to be cut + disposed of before dirt work begins. ALL Slopes to be 2: lexcept

iN rock. Roadwork grade. - 10%.

Signature: Danny O'Morgan P.O. Drawer 40, Buckhannon W.V. 472-410

Address Phone Number

03/15/2024

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



Date	521	6-15	19 8/
Well No.	1681		
API No.	47	- RanpolPh-	0486-Ren
	State	County	Permit

Form IV-9 (01-80)	OFFICE OF O	ST VIRGINIA IL AND GAS	
Company Name UNION Drilling I	NC.	Designated Agent UNION Drilling IN	k.
Address PODrawer 40, Buc	Khawana) wife.	Address P. ODrawer 40, Buckh	
Telephone 472-4610		Telephone 472 - 4610	
Landowner Coastal Lymber		Soil Cons. District Tygart Valley	
Revegetation to be carried out by		a INA.	
This plan has been reviewed by	y gort	SCD. All corrections and additions	
of this plan. $6-16-81$	In In	into Helich	occome a part
(Date)		(SCD Agent)	
Access Road		Location	
Structure <u>Culverts Pipeli</u>		Structure Diversion	(1)
Spacing At Natural L	rains	Material Earthew	
Page Ref. Manual		Page Ref. Manual	
Structure Cross Drains		Structure	STATE
Spacing 250' ±		Material	2006
Page Ref. Manual		Page Ref. Manual	1 7 1981
Structure Road Way ditch	(C)	Structure	
Spacing		Material OIL & C	SAS DIVISION
Page Ref. Manual		Page Ref. Manual DEPT.	OF MINES
All structures should be inspected regularly Treatment Area I Lime	Revegeta Tons/acre		
or correct to pH 6.5	2010/4010	or correct to pH 6.5	Tons/acre
Fertilizer 600 (10-20-20 or equivalent)	lbs/acre	Fertilizer (10-20-20 or equivalent)	lbs/acre
Mulch 2	Tons/acre	Mulch 2	Tons/acre
Seed* Ky 31 30	lbs/acre	Seed* Ky31 30	lbs/acre
Birdsfoot 10	lbs/acre	Seed* Ky31 30 Birds foot 10 Domestic Rye 10	lbs/acre
Domestic Rye 10	lbs/acre	Domestic Rue 10	lbs/acre
*Inoculate all legumes such as vetch, trefoil and	clovers with the pr	oper bacterium. Inoculate with 3X recommended	amount.
Attach or photocopy section of involved Topog			
Legend: Well Si	- Quudit	mgic_TICKENS	
— Access	W.	2000-7	TISTA III
-200	111		W. W.
TO AND THE REST OF THE PARTY OF		03/1	5/2024
	1400		1 Mat
	0-	7-75 C Zon ()	8
		-in 100	SI NO

Run

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)		UNION D	RILLING, I	NC.		
				Add	iress	P. O. Di	rawer 40			
						Buckhanı	non, WV 2	6201		
GEOLOGICAL	TARGE	ET FOR	MATION	,	Ве	enson				
Estimate	d depth	of comp	leted we	11,	4	1200 fee	et Rotary	y/ Cat	ole tools	/
Approxi	mate wat	er strata	depths:	Fresh	,	feet	salt,	? feet.		
Approxi	mate coal	seam d	epths: _			Is coal	being mined	in the area? Yes	/ No	/
CASING AND	TUBING	G PROG	RAM							
CASING OR TUBING TYPE	SPE	CIFICAT	ONS Weight per ft	New	Used	FOOTAGE	NTERVALS	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS	and the second s
Conductor	11 3/4	1"		x		20'	20'		Kinds	The state of the s
Fresh Water										
Coal									Sizes	
Intermediate	8 5/8		20#	x		900'	900'	to surface		
Production	4 1/2	•	10½#	x			4100'	350 sks. or	Depths set	
Tubing								as needed		7.7
Liners									Perforations:	
						l .			Тор	Bottom
										1907
TMIS PI All pro of the for dri operation	lamation ously paid \$22-4-8a eparate Fort of the weeken Millions by W. Va. (1995)	Plan", a fon the safe from the safe from the corm Iv-2 work for very large in Code, the renewe	pplicable ame well are owner shall not le which a per POSTED accordance location d . This menced by	to the	recla e requivate: ired for sough THE V h Chireby	mation require tired by Code § reacturing or ht and is noted VELL SITE approved expire if	d by Code \$22-4-12a, and (ing within 200 stimulating a	wed by Code § 22-4-22-4-12b and Regulat (v) if applicable, the confect of the propose well where fracturing Form IV-2 filed in confect of the propose in the confect of the propose well where fracturing form IV-2 filed in confect of the propose in the	ion 23, (iv) unle onsent required d well. or stimulating is	by to
								al owner or coal lessee fifteen (15) days of r		ed a
						WAIV	ER			
The undersign	ed has no	o objection	map exis	work p	ropos	ers the area of t	he well location at this location	the coal under this v n, the well location ha n, provided, the well s.	s heen added to	the mine man
							D			
Date:			, 19				By			
							118	BLANKET		

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

(PERMIT RENEWAL)

February 17 , 19 XX Date:

1 - 1681 - U Well No. _

API Well No. 47 - 083 -0486 County State

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

J. M. Huber Corporation #1

Permit

OIL AND GAS WELL PERMIT / Gas x WELL TYPE: (If "Gas", Production ___x___/ Underground storage _____/ Deep____ / Shallow x /) Watershed: Buckhannon River Elevation: 2520 I OCATION. Quadrangle: Pickens County: Randolph District: Middle Fork DESIGNATED AGENT UNION DRILLING, INC. UNION DRILLING, INC. WELL OPERATOR Address P. O. Drawer 40 Address P. O. Drawer 40 Buckhannon, WV 26201 Buckhannon, WV 26201 OIL & GAS ROYALTY OWNER J. M. Huber Corporation COAL OPERATOR Attn: John Hendrikson P. O. Box 1319 Address Maryville, Tenn. 37801 6,502 COAL OWNER(S) WITH DECLARATION ON RECORD: Acreage Name J. M. Huber Corporation SURFACE OWNER Coastal Lumber Company Attn: John Hendrikson Address P. O. Box 1319 5th Street Address Marysville, Tenn. 37801 Buckhannon, WV 26201 Tr. 18-7M Name Acreage 100 Address FIELD SALE (IF MADE) TO: Address Not Determined at this time COAL LESSEE WITH DECLARATION ON RECORD: OIL & GAS INSPECTOR TO BE NOTIFIED Name Address Robert Stewart (884-7782) Address P. O. Box 345 Jane Lew, WV 26378 UDI LEASE #789 (Huber) The undersigned well operator is entitled to operate for oil or gas purposes at the above location under a deed ____ _/dated Feb. 1 ____, 19 77 ___, to the undersigned well operator from J. M. Huber Corp. other contract to Union Drilling, Inc. (IF said deed, lease, or other contract has been recorded:) Recorded on March 4 . 19 77 in the office of the Clerk of the County Commission of Webster County, West in (Ran.) Deed Book 10 at page 602 . A permit is requested as follows: PROPOSED WORK: Drill X / Drill deeper / Redrill / Fracture or stimulate X __/ Perforate new formation____ Plug off old 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.

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

	C			V		D
--	---	--	--	---	--	---

FEB 1 8 1982

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

03/15/2024

UNION DRILLING, INC.

Well Operato

Dean H. Bucher, Geologist

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES



FEB 1 6 1983

OIL AND GAS DIVISION WY DEPARTMENT OF MINES

INSPECTOR'S WELL REPORT

Permit No. <u>083-0</u>	486	. San say yang san san san			Oil oi	Gas Well
Company Union	DRIllin	6	CASING AND TUBING	USED IN DRILLING	LEFT IN	PACKERS
Address Bue	KHANNO	ov	Size			Library (at the second
Farm Jin	HUBER		16			Kind of Packer
Well No. /-/6	81-11		13			Agricultural deputing the National Science
	right South and the second		10	7		Size of
District DDD E	DRK_CountyR	4NDOIPH	81/4			easternate projeto axter te con
Drilling commenced			6%		Zee Leave to the State of the Real	Depth set
Drilling completed	Total dept	h	5 3/16			Apple to the appropriate of the
			3	. Pur ou compression	2011	Perf. top
Date shot	Depth of shot		2		DN 105 12 13 1 1 1 1 1 1	Perf. bottom
Initial open flow	/10ths Wate	er inInch	Liners Used			Perf. top
Open flow after tubing.	/10ths Merc	. inInch				Perf. bottom
/olume	. y	Cu Ft	CASING CEMEN	man		ang in the program of the second of the second
	lbs,		NAME OF SERV			No. FTDate
and the second						A STATE OF THE STA
)il	bbl	s., 1st 24 hrs.	COAL WAS ENG	COUNTERED	AT	FEETINCHES
resh water	feet	feet	FEET_	INCHE	S	FEETINCHES
alt water	feet	feet	FEET_	INCHE	S	FEETINCHES
rillers' Names				g. g		ta di santa
emarks:				,		
1/0 /00	A Tion -	- CH	queel			
O.K. Ti	Tele.	AS-E				

2-17-83

Robert Stemans

511

STATE OF WEST VIRGINIA

DEPARTMENT OF MINES

OIL AND GAS WELLS DIVISION

INSPECTOR'S PLUGGING REPORT

					II No		
COMPANY			ADDRESS				
ARM		DISTRICT.	35° 3	COUNTY			
illing Material Used							
iner Loc	ation	Amount	Packer	Location			
PLUGS USED AND DEPTH PLACED CEMENT-THICKNESS WOOD-SIZE			BRIDGES	CASING AND TUBING			
CEMENT-THICKNESS	WOOD-SIZE	LEAD	CONSTRUCTION-LUCATION	RECOVERED	SIZE	LOS	
						208	
			- All and the state of the stat		17454011	tore vill	
				1.			
			The state of the s	-			
		S. TOWNER D.	ser saren ber is basa sida			An State of the	
lers' Names	*			388			
		Salara Salara Adada As	The same was to be a second		d income	****	
narks:					Lance of the state of	Same 5	
DATE	hereby certify I vis	sited the above	well on this date.				



State of West Virginia Bepartment of Mines Gil and Gas Bivision Charleston 25305

THEODORE M. STREIT ADMINISTRATOR

WALTER N. MILLER DIRECTOR

March 1, 1983

Union Drilling, Inc. P. O. Drawer 40 Buckhannon, W. Va. 26201

In	Re:	PERMIT NO	9: <u>47-083-0486</u>	
		FARM: J.	M. Huber/Coastal Lumber C	0.
		WELL NO:	1-1681-U	
		DISTRICT:	Middle Fork	
		COUNTY	Randolph	

Gentlemen:

The FINAL INSPECTION REPORT for the above described well has been received in this office. Only the column check below applies:

XXXXXX The well designated by the above permit number has been released under your Blanket Bond. (Permit Cancelled - Never Drilled.)

Please return the enclosed cancelled single bond which covered the well designated by the above permit number to the surety company who executed said bond in your behalf, in order that they may give you credit on their records.

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

Very truly yours,

Theodore M. Streit, Administrator Office of Oil & Gas-Dept. Mines