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

Date: February 11 , 19 82 Operator's Well No. \_ 2 - 1783API Well No. 47 - 083 0634

State

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

J. M. Huber #2 (1783)

County

Permit

	OIL AND GAS	WELL PERMIT	3. In Haber "2 (1703)
WELL TYPE:	Oil/ GasX/		
	(If "Gas", Production X/ Under	erground storage/	Deep/ Shallowx/)
LOCATION:	Elevation: 2530' Wat	ershed: Saltlick Run	
	District: Middle Fork Cou	nty: Rando1ph	Quadrangle: Pickens
WELL OPERAT	TOR UNION DRILLING, INC.	DESIGNATED AGEN	NT UNION DRILLING, INC.
Address	P. O. Drawer 40	Address	P. O. Drawer 40
	Buckhannon, WV 26201		Buckhannon, W 26201
OIL & GAS ROYALTY OW	NER _ 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) W	ITH DECLARATION ON RECORD:
	NER Coastal Lumber Company		ber Corp.
Address	Box 8		0. Box 1319
	Dailey, WV 26259		yville, Tenn. 37801
Acreage	325		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
FIELD SALE (			
	Not Determined at this time		
	The Precentified at this time	COAL LESSEE WUT	DECCARATION ON RECORD:
OIL & GAS IN	SPECTOR TO BE NOTIFIED	Name	
	pert Stewart	Address	MAR 1 6 1982
	P. O. Box 345		OIL AND GAS DIVISION
	Jane Lew, WV 26378		WV DEPARTMENT OF MINES
The undersione		UDI Lease #924	
	ed well operator is entitled to operate for oil or ga		
to Union Dri	/ dated January 20, 19 79	_, to the undersigned well ope	erator from J. M. Huber Corp.
IF said deed, le	ase, or other contract has been recorded:)		
	<u>Feb. 4</u> , 19 81, in the office of the O		
west, in De	eed Book 335 at page 527	A permit is requested as	follows:
	ORK: Drill/ Drill deeper/		
	Plug off old formation/ Perfo		
	Other physical change in well (specify)		
	i james and dispersity		
	-planned as shown on the work order	on the reverse side hereof.	
The above name	ed coal operator, coal owner(s), and coal lessee ar		ction they wish to make on any manifest to
nake by Code §2	22-4-3 must be filed with the Department of Min	nes within fifteen (15) days aft	er the receipt of this Annication by the
)epartment		, ==, ==, ==	Tipplication by the

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.

DIEAC	E SUBMI	T COD	IEC OI	ATT
	IYSICAL			
WEST	<b>VIRGINI</b>	A OIL	AND	GAS
CO	NSERVA	TION	COM	MIS-
SION				
1615 W	ASHINGT	TON ST	REET	EAST
CHARL	ESTON.	WV 25	311	
TELEP	HONE: (3	304) 34	8-3092	
/				

	UNION DRILLING, INC.
Ву	Well Operator
Its .	Joseph C. Pettey, Vice President o

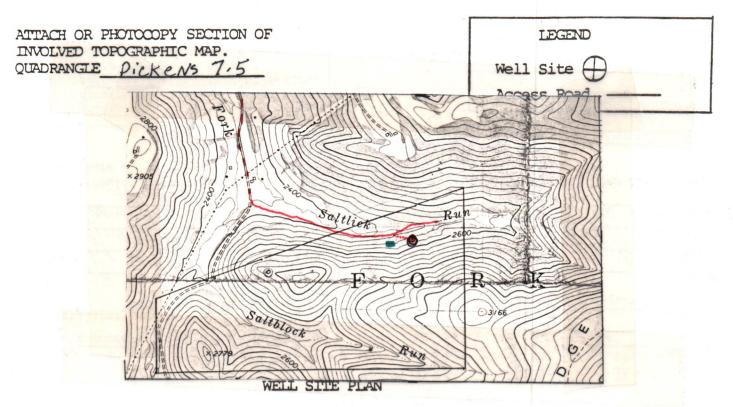
BLANKET LUND

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

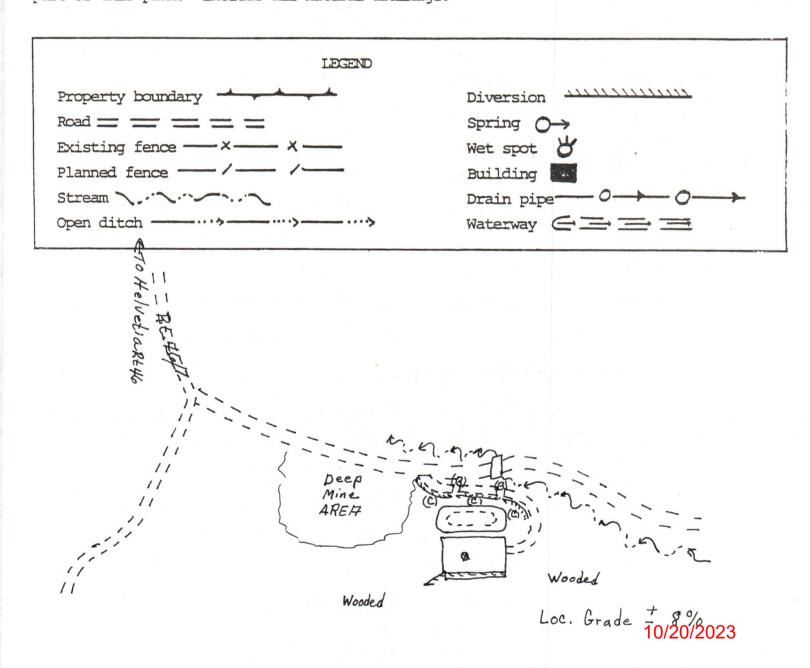
### PROPOSED WORK ORDER

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

DRILLING CO	ONTRAC	TOR (IF	KNOW	N) _	UN]	ON DRILLIN	G, INC.			
				Ad	dress	P. O. Dr	awer 40			
						Buckhann	on, WV 262	201		
GEOLOGICAL	TARGE	T FORM	MATION	,		Bens	on			
								/ Cab	le tools	
						?1430 feet;				
								in the area? Yes	x / No	1
CASING AND								and the state of t		
CASING AND	TOBING	JIROG	ICANI							
CASING OR		CIFICAT	IONS [Weight		1	FOOTAGE I	NTERVALS	CEMENT FILL-UP	PACKERS	
TUBING TYPE	Size	Grade	per ft	New	Used	For drilling	Left in well	(Cubic feet)		28/16/14/2
Conductor	11 3/	4''		X		20'	20'		Kinds	
Fresh Water		A Haya				11,224	-			
Coal		100				1460	1460	Mary Comment	Sizes	Marie de
Intermediate	8 5/	8"	20#	x		800	-800	to surface		50 L
Production	4 1/	2"	10½#	x			4200'	420 sks. or	Depths set	
Tubing	1							as reg. by rule 15.01.		a September
Liners									Perforations:	1 11 11 11 11 11
Linera			-5.671						Тор	Bottom
		-		Esta of						
				-	-					
Code	\$22-4-8	Ba from t	the owne	r of a	ny wat	for fracturing o	lling within 20	(v) if applicable, the of the proposed well where fracturing Form IV-2 filed in co	or stimulating i	s to
TL	e followin	a waiver	must be	comple	eted by	the coal operato	or and by any co	oal owner or coal lesse	ee who has recor	ded a
dec	claration	under Co	ode 22-	4-20,	if the	permit is to be	issued within	fifteen (15) days of	receipt thereof.	e and a second
						WA	IVER			
proposed we The undersi	ell location gned has	no object	ne map extion to the	kists w	hich co	overs the area of	f the well locate e at this locati	of the coal under this ion, the well location lon, provided, the wellons.	has been added	to the mine map
								- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	of the property	
Date:	*******		, 1	9			Ву			
							Its			



ketch 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.



0/9+1-714 ON ENCHS

ADDRESS P. D. Chamim 40, Buckhaman Was.

"STES: Please request landanners: "STES: account to protect new seediting for one growing season. Attach separate sheets."

Attach separate sheets as necessars.

y 18 per 2 1983			1000 Sept. 100			COPY	FILE	RM IV-2(B)
- married and All Bill PTE	-02 7 2 8019	2) Ope Wel	(1) 1   Ems/s					
County Permit	Well No. State	PIACE	XIDE/S					
	1.00		STATELOF WEST VII					
Control Marine Control	02-02-01)		ICE USE ONLY	DEFENTE	७ उठ हा	-02-01		
DEDMIT MC	DIEICATIONS	AND CONDI	TIONS (IF ANY)	TO THE PI	OPOSE	D WEI	I WOR	KT LIEW (
PERMIT MC	Diffications		UE X I Underground sto					ential .
		altitick Run	Watershed: Sa	T Mile			N. FI	LOCATIO
	Quadrangle:		County: K2DC	ing. Inc				WELL OF
Drawer 40	P. O.		THE STREET		DESTU-			Address
annon, MV 26201				NV 2520				
	TRACTOR:	PERTUNE COL		sairs dáta	HE MOTH	TORTO	S INSPEC	OIL & GA
271 00	to the second second	Effue donary	winger because on the contract of the contract	and ad bi	nous sa		Laussani CS 777	Name 24
W 26201							3. 0.	00313327
	Stimulate 2	Redrill		X_/ Drill			i weur	PROPOSE
		new formation	n Perforate					
MORNING DATE OF SHAPE			n well (specify)	nysical change		HAR-MOO	GAT TAD	IOO IORO
7 78M 9 T 8 W			4200 feet					12) Estima
		9	feet; salt,		Eresh,	a depths:	ximate trat	
COLLEGE TOWN		ceing mined in the a						i4) Approx
	CEMENT FILLUP	Terranew	FOOTAGE INT		CECAM JPIČATIONS		au-un	CASING A
PACKERS	CEMENT FILLER  OR SACKS  (Cubic feet)	SAN MA	hattirb say	New Cised	thigis W			BING TYPE
Kinds			20	у.			11 3/4	
	TELLIS W	1000		The second control of	productive of the state of the	The state of the s		
		0005	1400		225-		812.8	rmediate
Depths set	io surface	4200	00451	Y	#2 01		1/2	
1) 47	Her inter 28	OFF	ICE USE ONLY	Marine Sales Care Control	The same of the same of		El Bengin språker Street i Street Street Street Street	CALLE SUL
								81
This part of Form IV-2(	b) is to record the	he dates of certa	ain occurrences an	d any follov	-up insp	ections.		
		Date					Date	(s)
	7.7	THE FIF						
Application received		(50.80)		inspection(s	)		-	notice that the second of the second of the second
		and the second second second second	OFFICE USE ON	,,				2.13.22
Well work started	August 16.		production of the	paneline			80-TB-1	
Completion of the drilling	ngo				so eq c		rasasa.	imit number EE
process	to drill in accordant	permission granted	below is evidence of	location shown	llow-bas-re	H-operate	ing the we	
and Gas Inspector, (Refer to	n to the Daniel Oil	leation must be give a addition, the well-	say premitted work. It	and stinding hear	pilepolyabo	og la noll	e construc	
Well Record received			ork has commenced.)	bal permitted v	before act			
				de la contraction de la contra		A A A A A A A A A A A A A A A A A A A		
Reclamation completed		n plan, subject to a	n, plat, and reclamation	pursanda, pur	asmon aut	nr padrios	CK-18 AS GC	permined wo

OTHER INSPECTIONS

Reason:

Reason:

10/20/2023

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

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



1)	Date:	J	uly 1	8	,19 83
2)	Operator				-
	Well No.	2	- 178	3	
3)	API Well	No.	47		
			State	County	Permit
					*
& G	AS				

## 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	5(i) COAL OPERATOR Avanti Mining Co., Inc.
(i) Name Coastal Lumber Company	Address P. O. Box 757
Address Box 8	Kingwood, WV 26537
Dailey, WV 26259	5(ii) COAL OWNER(S) WITH DECLARATION ON RECORD:
(ii) Name	Name J. M. Huber Corp.
Address	Address P. O. Box 1319
(iii) Name P 311 7 L9	Maryville, Tenn. 37801
2.17	Address
neceir i for certi	
NO INSURANCE COVERAGE P NOT FOR INTERNATIONAL (See Reverse)	MAIL Name
SENTTO	Address_
Coastal Lumber	Company
TO THE PERSON BOX 8	this Form and the following documents:
(1) The Dailey, WV 262	59 IV-2(B) (or Form IV-4 if the well is lved in the drilling or other work,
and ceme	applicable, the proposed casing and
(2) The CERTIFIED FEE	ation on Form IV-6; and
plus SPECIAL DELIVERY	IV-9 )unless the well work is only to ion and sediment control and for
THE REAS SE RESTRICTED DELIVERY	¢
	U HAVE RIGHTS REGARDING THE APPLICATION  SE SIDE OF THE COPY OF THE APPLICATION
WHICH ARE SUI (FORM IV-2 (B) ACTION AT AL! SHOW 10 WHOM AND DATE DELIVERED SHOW 10 WHOM, DATE.	YOU ARE NOT REQUIRED TO TAKE ANY
WHICH ARE SUI (FORM IV-2(B ACTION AT AL)  Take no erator proces	inia Code, the undersigned well op-
for a Well W	
and depicted	tion described on attached Application
ADDRESS OF DELIVERY WIT	ice, the Application, the plat, and the egistered or certified mail or delivered in certain circumstances) on or
before the 100 TOTAL POSTAGE AND FEES	itor.
6) EXTRACTI( POSTMARK OR DATE	S .
Check an	
I 00 17 07 07 17 17 17 17 17 17 17 17 17 17 17 17 17	07
8	. (See reverse side for specifics.)
7) ROYALTY (C)  Is the r \( \phi \)	r gas based upon a lease or leases
for compensation to the owner of	Il rovalty or any similar provision
to the volume of oil or gas so extracted	ace which is not inherently related 1012 0 1983
If the answer above is No, nothi	ng additional is needed. If the answer is Yes,
you may use Affidavit Form IV-60.	GIL & GAS DIVISION
See the reverse side for line item	instructions and four in the second in the s
Reclamation Plan.	nd Application, plat, and Construction and
The truth of the information on the	WEILL
Notice and Application is verified	OPERATOR Union Drilling, Inc.
and sworn to and the Notice is	
signed on behalf of the Well Operator in my County and State by	By Joseph Letting
Joseph C. Pettey ,	Its <u>Joseph C. Pettey, Vice President of Prod.</u> Address P. O. Drawer 40
this 18 day of, 19 83.	Buckhannon, WV 26201
My commission expires 5/22, 19 89.	Telephone (304) 472-4610
Stearn & Halashon)	
Notary Public, Upshur County,	10/20/2023
State of West Virginia	COMMISSIONED AS

COMMISSIONED AS SHARON L. KELLEY

4) &	SE A STI	NO NTT	ont O.	FOR CERTIF  JRANCE COVERAGE PR FOR INTERNATIONAL M (See Reverse)  i Mining Co.  D NO. Box 757  AND ZIP CODE TOOd, WV 265	, Inc.	Oil &	ST	NO NT J. REE P.	INS NOT O M	URANCE COVERAGE PROFOR INTERNATIONAL M (See Reverse)  Huber Corpodono. Box 1319  AND ZIP CODE	ovided—	5
5 (ii, :	CONSULT POSTMASTER FOR FEES	OPTIONAL SERVICES	RTIF	SHOW TO WHOM AND DATE DELIVERY SHOW TO WHOM AND DATE DELIVERED SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERED WITH RESTRICTED DELIVERY SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY OF DELIVERY WHOM TO WHOM DATE AND ADDRESS OF DELIVERY WHOM TO WHOM DATE AND ADDRESS OF DELIVERY		in lie	CONSULT POSTMASTER FOR FEES	1	RTII	VIIIe, Tennes  FIED FEE  PECIAL DELIVERY  STRICTED DELIVERY  SHOW TO WHOM AND DATE AND ADDRESS OF DELIVERY  SHOW TO WHOM AND DATE DELIVERY  SHOW TO WHOM AND DATE DELIVERY  SHOW TO WHOM AND DATE DELIVERY  SHOW TO WHOM, DATE AND ADDRESS OF BELIVERY  SHOW TO WHOM, DATE AND ADDRESS OF BELIVERY WITH RESTRICTED DELIVERY	¢ c	801
DS Econo 2000 Apr. 1075	PO PO	STM	ARK	The second second	s 783 rmit	cribed , or in ion red e same the con ithin 2 e made de § §	TO PO	STM	ARK	TAGE AND FEES OR DATE	s Permit	1 (0

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-

- 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.		335 527

Date: February 11 , 19 82 Operator's 2 - 1783Well No. API Well No. 47

County

Permit

State

STATE OF WEST VIRGINIA

	DEPARTMENT OF I	MINES, OIL AND GAS DIVISION	T W 11 1 42 (1707)
	OIL AND	GAS WELL PERMIT	J. M. Huber #2 (1783)
WELL TYPE:	Oil/ Gasx/		
	(If "Gas", ProductionX/	Underground storage/	Deep/ ShallowX/)
LOCATION:	Elevation: 2530'	Watershed: Saltlick Run	All the state of t
	District: Middle Fork	County: Randolph	Quadrangle: Pickens
WELL OPERAT	OR UNION DRILLING, INC.	DESIGNATED AGE	NT_ UNION DRILLING, INC.
Address	P. O. Drawer 40	Address	P. O. Drawer 40
	Buckhannon, WV 26201		Buckhannon, W 26201
OIL & GAS ROYALTY OW	NER J. M. Huber Corp.	COAL OPERATOR	Avanti Mining Company, Inc
Address	P. O. Box 1319	Address	Helvetia, WV 26224
	Maryville, Tenn. 3780	1	
Acreage	620	COAL OWNER(S) W	VITH DECLARATION ON RECORD:
11010110	NER Coastal Lumber Company	COME CWINER(B)	
	Box 8		uber Corp.
Address			O. Box 1319
Agrunga	Dailey, WV 26259		ryville, Tenn. 37801
Acreage			
FIELD SALE (I	The state of the s		
Address	Not Determined at this time		
OV. 4 C. 6 D.			H DECLARATION ON RECORD:
	SPECTOR TO BE NOTIFIED	-	
	pert Stewart	Address	MAR 1 6 1982
	P. O. Box 345		OIL AND GAS DIVISION
	Jane Lew, WV 26378	UDI Lease #924	OIL AND GAS DIVIDINES WY DEPARTMENT OF MINES
The undersigne	ed well operator is entitled to operate for oil	or gas purposes at the above location	n under a deed / lease X
other contract	/ datedJanuary 20_, 19	79 , to the undersigned well on	erator from J. M. Huber Corp
o Union Dri	11ing, Inc. ase, or other contract has been recorded:		
Recorded on	Feb. 4, 19 81, in the office of	the Clark of the Court of	Pandalnh
w.Va.in De	ed Book 335 52	7	on of Randolph County, West
PROPOSED W	ed Book 335 at page 52	. A permit is requested as	follows:
PROPOSED W	ORK. Drift deeper	_/ Redrill/ Fracture or	stimulate X
	Plug off old formation/	Perforate new formation	AT LESS MY MYCHT TO E BUSHINA
	Other physical change in well (spec	cify)	\$ - 3 GTV 0 599 <b>4</b>
			IF CPTRATECTS HAVE NOT COMPAN
	-planned as shown on the work of	rder on the reverse side hereof.	18
The above name	d coal operator, coal owner(s), and coal less	ee are hereby notified that any object	ction they wish to make or are required to
take by Code \$22	2-4-3 must be filed with the Department of	Mines within fifteen (15) days aft	er the receipt of this Application by the
epartment.			

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 COP	IES OF ALL
GEOPHYSICAL LOGS	DIRECTLY
то:	
WEST VIRGINIA OIL	AND GAS
CONSERVATION	COMMIS-
SION	
1615 WASHINGTON ST	REET EAST
CHARLESTON, WV 25	311

TELEPHONE: (304) 348-3092

UNION DRILLING, INC. Well Operator Vice President of Production

10/20/2023



### PROPOSED WORK ORDER

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

DRILLING CO	NTRAC	TOR (IF	KNOW	N)	UNI	ON DRILLIN	NG, INC.		
				Ad	dress	P. O. D	rawer 40	85 g 80 g 18 g 19	
						Buckhani	non, W 26	201	
GEOLOGICAL	TARGE	T FOR	MATION	,		Bens	son	- 10 - 10	
								/ Cab	le tools/
							; salt,		\$4.07
									v / No /
						IS COAI	being mineu	in the area. Tes	x/ No/
CASING AND	TUBING	G PROG	RAM						
CASING OR	SPE	CIFICAT	IONS Weight per ft	New	Used	FOOTAGE	Left in well	CEMENT FILL-UP OR SACKS (Cubic feet)	PACKERS
	11 3/	111		x		20'	20'		Kinds
Conductor	11 3/	+		1		20			
Fresh Water		-		+-					Sizes
Coal		-		+	-	0001	0001	to sumface	
Intermediate	8 5/	8''	20#	X	1	800'	800'	to surface	
Production	4 1/	2"	10½#	X	-		4200'	as reg. by rule 15.01.	Depths set
Tubing			+	1	1				Perforations:
Liners		-	-	+	1				Top Bottom
	-		-	+-	+				1 op Bottom
				-	-		-	1	
Code	iously pai \$22-4-8	id on the Ba from	the owne	ll, the	ny wat	er well or dwe	elling within 20	22-4-12b and Regula (v) if applicable, the 00 feet of the propose well where fracturing e Form IV-2 filed in co	ed well.
THIS PERMIT /									
						CHAPTER 22	,		
RTICLE 4 OF		dw:11:	nc				-		
OPERATION			· · ·			T SHALL EXP	RE		
Y-/			CMN.EN	NCED I	BY	11-10-02			
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								and less	see who has recorded a
Th	e followin	ng waive	r must be	compl -4-20,	eted by if the	the coal opera permit is to b	tor and by any one issued within	n fifteen (15) days of	see who has recorded a f receipt thereof.
de	ciaration	under				1			
							AIVER		
proposed we	ell locatio	n. If a m	ine map e	exists w	which c	covers the area posed to be do	of the well loca	tion, the well location tion, provided, the we	s well conting has examined to has been added to the mine madell operator has complied with
							1	1 1 7 11-	1 de la
Date: Ma	204 8	•	,	198	_		By_U	POHN K. HAR	EDESTY, AVANTI/MINI
Date. //	. 3		,				Its	PRESIDENT	

						t 1/19 AT VISA SECTION			
FORM IV-2( Obverse	В)	SURFA	CE OWNE	ER'S	COPY			1) Date: Ju 2) Operator's	19 8 19 8 19 8
of Bon								Well No 3) API Well N	2 - 1783
2					my me	OF PROPERTY	CDITA	3, 122322 .	State County Per
<i>ħ</i> ,			DEPA	RIME	NT OF	OF WEST VIR F MINES, OFF	ICE OF OIL	& GAS	
4)	-					ON FOR A WELL	L WORK PERM	IIT	
4) WELL TY	PE: A. (	011_	_/ Ga	S X	_/ .				
5) ICCATION	J. El	(II "C	as", P	rodu	iction	n_x_/Unde	rgroung sto	rage/ Dee	ep/ Shallow_x/
J) LUMIIG		evalue	1110	5 511		Waters	ned Soltla	Ck Rim	
6) WELL OP	ERATIOR	Unio	n Drill	ing	Tnc	County	: Randolph	Quadra	angle: Pickens Joseph C. Vanzant,
Addre	ess	D O	Drawe	x 10	) IIIC	· County	/) DEST	GNATED AGENT	Joseph C. Vanzant,
		Buckl	hannon	W//	2620	01	Add	ress P. O.	
8) OIL & G2	S INSPI	CIOR	TO BE	NOTT	FTFD	01	9) DETT	LING CONTRACT	annon, WV 26201
Name	Phil Tr	racy						Union Drill	
Address							Name	dress P. O.	Draw on 40
								Ruckh	annon WV 26201
0) PROPOSEI	WELL V	WORK:	Drill	x /	Dril	1 Deeper	/ Redrill	/ Stimulate	ailion, wv 20201
			Plug o	ff o	ld fo	mation	/ Perforat	e new formati	on /
			UTher		1 62 1	change in the	11 (modifi	c iicw lolligel	O11/
						CARLING TIL ME	ETT (SDECIL		
1) GEOLOGIC	AL TARC	ET FO	RMATTO	V .	Dan				
12) ESCHI	lated de	epth o	RMATIO	N, lete	Ber	nson	donth of		) 4200 feet
1) GEOLOGIC 12) Estim 13) Appro	lated de	epth o	RMATIO	N, lete	Ber	nson	donth of		),4200feet
13) Appro	ximate ximate ximate	epth o water coal	RMATION f comp. strate seam de	N, lete	Ber	nson	donth of		), 4200 feet feet.
13) Appro	ximate ximate ximate	epth o water coal	RMATION f comp. strate seam de	N, lete	Ber	nson	donth of		feet.  n the area? Yesx/No
13) Appro 14) Appro 5) CASING A	ximate ximate ximate	epth o water coal NG PR	RMATION of comp strate seam de OGRAM	N, lete e dep epths	Ber	nson 1 (or actual Fresh, ?	depth of feet; Is coal l	existing well salt,	feet.  n the area? $Yes_X/Nc$
13) Appro 14) Appro 5) CASING A	eted de eximate eximate ND TUBI	epth o water coal NG PR	RMATION f comp. strate seam de OGRAM ECIFICATION   Weight	N, _ leter e dep epths	Berd well	FOOTAGE	depth of feet; Is coal l		feet.  n the area? $Yes_X/Nc$
13) Appro 14) Appro 5) CASING A	eximate eximate ND TUBI	epth o water coal NG PR	RMATION  f comp.  strate  seam de  OGRAM  ECIFICATION	letece dependence depe	Berd well	Fresh, ?  Footage  For drilling	depth of feet; Is coal l	existing well salt, ceing mined i	feet.  n the area? $Yes_X/Nc$
13) Appro 14) Appro 5) CASING A	eted de eximate eximate ND TUBI	epth o water coal NG PR	RMATION f comp. strate seam de OGRAM ECIFICATION   Weight	N, _ leter e dep epths	Berd well	FOOTAGE	depth of feet; Is coal l	existing well salt, ceing mined i	feet.  n the area? $Yes_X/Nc$
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of Application for a Well Work Permit, and that I have received copies of (I) a Notic 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 ceived copies of (1) a Notice

I further state that I have no objection

2 2224	the planned work described in these materials based on those materials.	s,
(For execution by corporation, partnership, etc.)	(For execution by natural persons)	
Ву	(Signature) Date:	· —
ItsDate:	Date:	_

JUL 2 0 1983

OIL & GAS DIVISION DEPT. OF MINES

### 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, WW 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

# RECEIPT FOR CERTIFIED MAIL P 311 719 RECEIPT FOR CERTIFIED MAIL P 311 719 087

088

NO INSURANCE COVERAGE PROVIDED— NOT FOR INTERNATIONAL MAIL

NO INSURANCE COVERAGE PROVIDED— NOT FOR INTERNATIONAL MAIL

(See Reverse)

(See Reverse)

J. M. Huber Corp PreEDANDROX 1319

RESTRICTED DELIVERY Coastal Lumber SPECIAL DELIVERY P.O., STATE AND ZIP CODE CERTIFIED FEE STREET AND NO. Dailey. POSTAGE CONSULT POSTMASTER FOR FEES 37801 Po., STATE AND ZIP CODE Marvville, Tenn. RESTRICTED DELIVERY SPECIAL DELIVERY

CERTIFIED FEE

POSTAGE

26259

M

## RECEIPT FOR CERTIFIED MAIL P 311 719 086

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

INC. 26537 AVANTI MINING CO., STREET AND NO. P. O. BOX 757
P.O. STATE AND ZIP CODE SPECIAL DELIVERY W Kingwood, CERTIFIED FEE POSTAGE

RESTRICTED DELIVERY

SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY SHOW TO WHOM, DATE, AND ADDRESS OF DELIVERY SHOW TO WHOM AND DATE DELIVERED RETURN RECEIPT SERVICE OPTIONAL SERVICES CONSULT POSTMASTER FOR FEES

SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY

SHOW TO WHOM AND DATE DELIVERED WITH RESTRICTED DELIVERY

SHOW TO WHOM, DATE. AND ADDRESS OF DELIVERY

RETURN RECEIPT SERVICE

OPTIONAL SERVICES CONSULT POSTMASTER FOR FEES

SHOW TO WHOM AND DATE DELIVERED

SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY

RETURN RECEIPT SERVICE

OPTIONAL SERVICES

SHOW TO WHOM, DATE. AND ADDRESS OF DELIVERY

SHOW TO WHOM AND DATE DELIVERED

SHOW TO WHOM, DATE AND ADDRESS OF DELIVERY WITH RESTRICTED DELIVERY

TOTAL POSTAGE AND FEES

POSTMARK OR DATE

Permit for TOTAL POSTAGE AND FEES POSTMARK OR DATE

7/19/83

Permit for Well 1783

7/19/83

PS Form 3800, Apr.

Well No. 1783

Permit for

Well No. 1783

PS Form 3800, Apr. 1976

TOTAL POSTAGE AND FEES POSTMARK OR DATE 7/19/83 PS Form 3800, Apr. 1976

GAS DIVISION

20

S Form 3811, Dec.	<ul> <li>SENDER: Complete items 1, 2, 3, and 4.</li> <li>Add your address in the "RETURN TO" space on reverse.</li> </ul>							
Dec.	(CONSULT POSTMASTER FOR FEES)							
1980	1. The following service is requested (check one).  XX Show to whom and date delivered							
	TOTAL \$							
- Annual of the last of the la	3. ARTICLE ADDRESSED TO:							
RETURN	Coastal Lumber Co. Box 8 Dailey. WV 26259							
R	A TYPE OF STATE							
CEIPT, F	REGISTERED INSURED TO SERVICE:  ARTICLE NUMBER  P 311 719 088							
EG L	(Always obtain signature of addressee or agent)							
ED. INSURED AND CERT	I have received the article described above  SIGNATURE Addressee Authorized agent  5. JATE OF DELIVERY  7-21-93 6. ADDRESSEE'S ADDRESS (Only if requested)  1983 7. UNABLE TO DELIVER BECAUSE:  72. EMPLOYSEE INITIALS							

1783 J. M. Haber #2 10/20/2023/3 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



OIL & GAS DIVISION
DEPT. OF MINES

IV-35 (Rev 8-81)





State of Mest Mirginia Well No.

June 20, 1984 Date Operator's 2-1783

OIL & GAS DIVISION DEPT. OF MINEL Gil and Gas Bivision

Bepartment of Mines

Farm J.M. Huber #2 API No. 47 - 083 - 0634

(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	/ Wast and Storag	e Disposa e/ Deep	l/ p/ Sha	llow_X_/)
LOCATION: Elevation: 2530' Watershed S	altlick Ru	ın		
District: Middle Fork County Rando			Picken	S
		~		
COMPANY Union Drilling, Inc.				7.
ADDRESS P.O. Drawer 40, Buckhannon, WV 26201	Cagina	Hood in	Toft	Cement
DESIGNATED AGENT Joseph C. Vanzant, Jr.	Casing Tubing	Used in		fill up
ADDRESS P.O.Drawer 40, Buckhannon, WV 26201	Size	Drilling	In well	Cu. ft.
SURFACE OWNER Coastal Lumber Co.	20-16			
ADDRESS Box 8, Dailey, WV 26259	Cond.	57.01		
MINERAL RIGHTS OWNER J.M. Huber Corp.	13-10"	57.0'	57.00'	
ADDRESS P.O.Box 1319, Maryville, TN. 37801	9 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK	8 5/8	713.3'	713.00'	236 cf
Phil Tracy ADDRESS Gen.Del.Ellamore,WV 26267	7			
PERMIT ISSUED 08/16/83	5 1/2		2424 054	
DRILLING COMMENCED 01/05/84	4 1/2 9	3434.05	3434.05	424 cf
DRILLING COMPLETED 01/11/84	3			
IF APPLICABLE: PLUGGING OF DRY HOLE ON	2			
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED	Liners used			
ON				
GEOLOGICAL TARGET FORMATION Benson		Dept	h 4200	feet
Depth of completed well 3645' feet R	Rotary_X_	/ Cable	Tools	
Water strata depth: Fresh 15' feet;	Salt no	ne feet		
Coal seam depths: none	Is coal 1	being mine	ed in the	area? no
OPEN FLOW DATA				
Producing formation 365 423 435	Pay	zone dept	h 33271	feet
Gas: Initial open flow 58 Mcf/d				
Final open flow 2970 Mcf/d				
Time of open flow between initi				
Static rock pressure 500# psig(surface	measurem	ent) after	24 hour	rs shut in
(If applicable due to multiple completion-	-)		40/	00/000
Second producing formation	Pay	zone dept	:h10/	20/2023 feet
Gas: Initial open flow Mcf/d				Bbl/d
Final open flow Mcf/d				
Time of open flow between initi				
Static rock pressurepsig(surface		1 1		

### 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
Sand & Shale Red Rock Sand & Shale Big Lime Injun Bayard Elizabeth Benson	0 465 476 841 983 1709 1833 3298	465 476 841 983 1104 1756 1848 3332 3645	1/2" water @15'  T.D. 30/10ths - 1" water

(Attach separate sheets as necessary)

Union Drilling, Inc.

Well Operator

1<del>0/20/2023</del>

Date: Joseph C. Pettey, Vice

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."



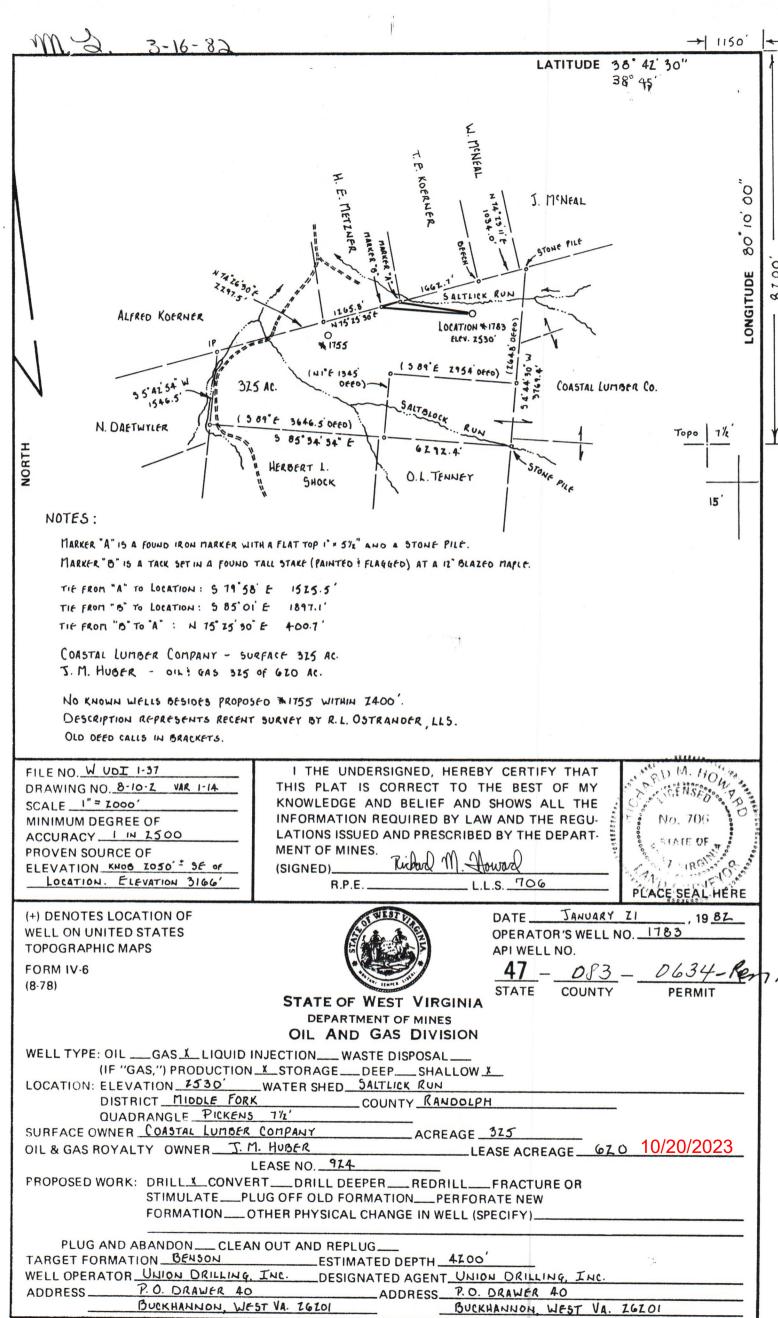
### State of West Virginia

### Department of Mines Gil and Gas Bivision

### Charleston 25305

FINAL INSPECTION REPORT
INSPECTORS COMPLIANCE REPORT
July 24, 1984

	July 24, 1984	KEI OKI				
COMPANY	Union Drilling, Inc.	PERMIT NO	083	-0634	(8-83	3)
P. O. Dr	rawer 40	FARM & WELI	NO	J. 1	M. Huber	#2-1783
Buckhann	non, West Virginia 26201	DIST. & COL	NTY	Middl	le Fork/	Randolph
			TN	COMPLI	LANCE	
RULE	DESCRIPTION		YES		NO	
23.06 N	Notification Prior to Starting Work			5,7,7		
25.04 P	Prepared before Drilling to Prevent Was	ste				
	ligh-Pressure Drilling					_
	Required Permits at Wellsite					
15.03 A	dequate Fresh Water Casing					
	dequate Coal Casing					
	dequate Production Casing					
15.04 A	dequate Cement Strenght					
	Gement Type					
	laintained Access Roads					
	ecessary Equipment to Prevent Waste					
	eclaimed Drilling Pits					
23.05 N	o Surface or Underground Pollution					
23.07 R	equirements for Production & Gathering	g Pipelines				
	ell Records on Site					
	ell Records Filed					
7.05 I	dentification Markings					
I HAVE INS	PECTED THE ABOVE CAPTIONED WELL AND RE	COMMEND THA	T IT	BE RE	LEASED:	
		SIGNED	PI	rille	p In	-27
		DATE	0	8/10	184	_
Your well 1	record was received and reclamation re	aud romanta			T	.1
with Chapte	er 22, Article 4, Section 2, the above	wall will	romad	ovea.	in accor	dance
coverage fo	or the life of the well.	well will	гешал	tii uiid	er bond	
		1			//	
		1-1	1	-	1	0
	맛서 하면하다 남편이 하루 마이지 나는 병사로 그	Administrato	or-Oi	11 & G	as Divis	ion
T	MS/chm			r 25,		
			DATE			



H. T. HALL



1)	Date:	July 18	, 1983
2)	Operator's	120 11707	FORM IV 2081

Well No.\_

3) API Well No.

County Permit

#### STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION APPLICATION FOR A WELL WORK PERMIT

4)	WELLTY	PE: A O		SECULO C	ac II	x /	ANN V AU SIND	THETWOOD STAN	DIFICATIONS	
7)	WELLTI	R (I	f "Gas"	Productio	n s	·	/ Underground s	torage	Dan Charles	_/ ShallowX_/)
5)	LOCATIO	N. Fle	vation	2530	, ii		Watershed: _S	Soltlick Dur		$\Delta$ Shallow $\Delta$ /)
3)	LOCATIC	Dis	trict. M	idd1e	Fork		County: Ran	dolph	Quadrangle:	Dialona
6)	WELL OF	ERATOR_	Unio	n Dril	ling	Inc	_ countyIVII	7) DESIGNATED	Quadrangle: _	n C. Vanzant, Jr.
٠,	Addres	S	PO	. Draw	or 1	)		Address	P. 0.	
	ridares			hannon				Address		
8)	OIL & GA	S INSPEC				2020		DRILLING CO		annon, WV 26201
		Phil Tr							ion Drilling	Truck
	Addres							Address	P. O. Drawe	
						-		Hudress		WV 26201
10)	PROPOSE	D WELL V	NORK.	Drill	Y	/ Drill	deener	/ Dadwill		
10,	r KOI OSI	D WEEL	WORK.	Plug o	ff old	formation	n/ Perfora	to now formation	/ Stimulate	
							n well (specify)			
11)	GEOLOG	ICAL TARG	GET FOR			-		G PACTOR		
		ated depth o								
								?	form.	
1	4) Appro	ximate coal	seam der	oths:	?		Is con	heing mined in the	feet. area? Yes	
15) (	CASING A	AND TUBI	NG PRO	GRAM			15 COA	oemg mineu in the	arca! Tes	/ No <u>x</u>
CASI	NG OR	II		CIFICATION	S	11	FOOTAGE IN	TERVALS	1 CEMENT EN LUN	
	NG TYPE	Size	Grade	Weight per ft.	1	Used	,		OR SACKS	PACKERS
Conduc	ctor	11 3/4	Grade	per it.	New	Used	For drilling	Left in well	(Cubic feet)	
Fresh w		11 3/4	75 N		X		20	20		Kinds
Coal			Maria Ma Maria Maria Ma				2017			
Interme	ediate	8 5/8		23#	v		1400	1400		Sizes
Product		4 1/2		10.5#			1400	1400	to surface	
Tubing		1/4		10.5#	X		V HAG TRUE TO	4200	420 sks. or	GOOD STORY OF STORY
Liners				B			AGE TO GE OF GE	1.1.18.7	as required	
			and the					etter de estat e		Perforations:
						t any		EFISC TO POLED	a) is to record th	Top Bottom
	7.0	LIANT .								
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				14, 11, 11			OFFICE USE OF	VI.Y		pavieus coitesilor
					7.	THE STATE OF THE S	DRILLING PER			
		47-08	3-063	4-Ren					August 16,	velt work started
ermit	number_									19
hic no	rmit saus	aina thaal	1		-		i i santi		Date	ompletion of the arilla
uirem	ents subject	ct to the cor	ditions of	ontained l	locatio	n shown	below is evidence of	permission granted	to drill in accordance	e with the pertinent legal re- and Gas Inspector, (Refer to
	A I I O I IO II	ic construct	IUII UI IU	aus, iocau	ons and	DILS FOR 2	inv permilled work	n addition the we	ll operator or his cont	and Gas Inspector, (Refer to ractor shall notify the proper
istrict	oil and ga	s inspector	24 hours	before ac	tual per	mitted we	ork has commenced.)		a product of this cont	ractor shall notify the proper
he per	rmitted wo	ork is as des	cribed in	the Notice	and A	pplication	, plat, and reclamati	on plan, subject to	any modifications an	d conditions specified on the
		August	16.	1985					,	a conditions specified on the
ermit	expires _			1703			unless well w	ork is commenced p	orior to that date and p	rosecuted with due diligence.
	- 1								100	THER INSPECTION
Bond	1:	Agent:	P	lat;	Casing	n	Fee		$\wedge$	
19	8	OK	1	1	sel	/	191	1. 1	\ \ \ \	
			4	- 10	9/	1,,		VV. A		7
								Mucha	ex	wy
OTE	Vacor							Admin	istrator Office of Oil	and Gas
OTE:	keep on	e copy of th	us permi	t posted a	the dri	lling loca	tion.			

Reason:

ORM IV2(B) Objects:



## OFFICE USE ONLY PERMIT MODIFICATIONS AND CONDITIONS (IF ANY) TO THE PROPOSED WELL WORK S) OIL & GAS INSPECTOR TO BE NOTIFIED 10) PROPOSED WELL WORK H) GEOLOGICAL TARGET FORMATION, SCISOD IS) CASING AND TUBING PROCEAM FOOTAGE INTERVALS OFFICE USE ONLY This part of Form IV-2(b) is to record the dates of certain occurrences and any follow-up inspections. Date(s) Date Follow-up inspection(s) Application received DICH, LING PERMIT Well work started Completion of the drilling This permit covering the well operator and well location shows below is evidence of permission granted to drill in accordance with the periment sepond quarements dubject to the conditions contained hereigand on the covers hereof. Confirming and is given forme blender till and Cas Impe No. 8) Prior to the construction of ronds, for allons out offe any remained work? To addition, the well operator or his contradistrict oil and gas inspector 24 hours before actual permitted work has commenced.) Well Record received The permitted work is as described in the Notice and configuration, place and reclamation plan, subject to any modifications an Reclamation completed OTHER INSPECTIONS

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

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Inoculate with 3X recommended anount.

Domestic

(Rev 8-81) 6-AI

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20 or equivalent)	(10-50-5	(progress)	(10-50-50 ox ed
Tps/same	Fertilizer 600	TDS/scre	Fertilizer 600
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		,	Address P.O. Drawer 41
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	NAIG NOTTAMATOG	CONSTRUCTION AND R	141/15
		(3)	
		end der lid	10/20/2023
7.	esniff, do	tramtraqa E	TO ZO

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

10 lbs/acre De\adl

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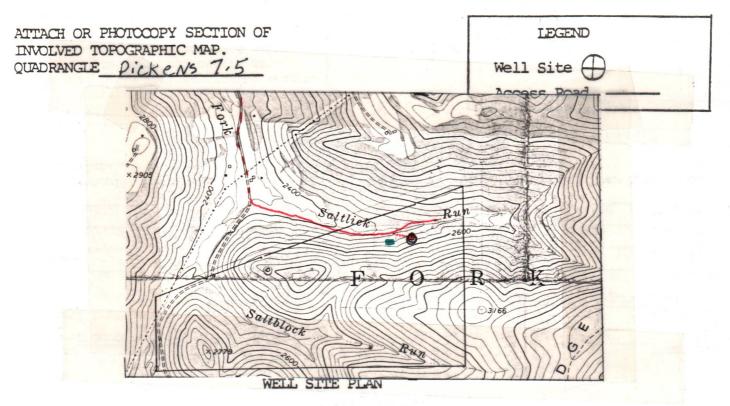
KILO IDS/ACTE

10 lbs/acre

559

MEIT 10 1183

DATE 3-5-82



ketch 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.

