

6-le unnamed (0)



OIL & GAS DIVISION DEPT. of MINES



State of Mest Virginia Bepartment of Mines Wil und Vas Division

Date	November	20,	1984				
Operat	or's						
Well 1	io. 2	- 2022					
Farm William Kirk #2							
APT N	47 - ()53 –	0339				

(Continue on reverse side)

WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

LOCATION: Elevation: 637' Watershed F	latfoot C	reek	-	·
District: Clendenin County Maso				Grove
CCMPANY UNION DRILLING, INC.				_
ADDRESS P.O. Drawer 40, Buckhannon, WV 26201	Casing	Used in	Left	Cement fill up
DESIGNATED AGENT Joseph C. Vanzant, Jr.	Tubing	Drilling	in Well	Cu. ft.
ADDRESS P.O. Drawer 40, Buckhannon, WV 26201	Size			•
SURFACE OWNER William Kirk	20-16 Cord.			
ADDRESS Rt. #1, Box 123, Gallipolis Ferry				
MINERAL RIGHTS OWNER WV 25515 Same	9 5/8	600.60'	600.60'	. 236 cf
ADDRESS	8 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK	7	1990.25'	698.00'	59 cf
Jerry TephabockADDRESS Rt.1, Box 101A, Ripley,WV	5 1/2			
PERMIT ISSUED 3/26/84 25271	4 1/2		3143.82'	152 cf
DRILLING COMMENCED 10/28/84	3			
DRILLING COMPLETED 11/1/84	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON				
CONTINUOUS PROGRESSION FROM DRILLING OR REWORKING. VERBAL PERMISSION OBTAINED ON	Liners used			:
	¥	Don	th 3500	· feet
Depth of completed well 3253' feet				
Water strata depth: Fresh none feet;				
				area2 no
Coal seam depths: 10/14	. Is coar	. Denig nu.	ied III elie	area
OPEN FLOW DATA -				
Producing formation Upper & Lower Huron. A				
Gas: Initial open flow show Mcf/d				
Final open flow 158 Mcf/d	Fi	inal open f	10w	Bb1/d
Time of open flow between init				
Static rock pressure 500# psig(surface	e measure	ement) after	er4 dayshou	oxx shut in
(If applicable due to multiple completion	<i>)</i>			•
Second producing formation	Pa	ay zone deg	oth	feet
Gas: Initial open flow Mcf/d	Oil: I	nitial oper	flow	Eb1/d
Final open flow Mcf/d	Oil: F	inal open i	flow	Bb1/d
· · · · · · · · · · · · · · · · · · ·	ial and	final tests	s ho	urs
Time of open flow between init	TOT UM.			

DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIPULATING, PHYSICAL GRANGE, ETC.

Halliburton - 1 stage Foam Frac - 11/8/84

2736/3051 - Upper Huron - 60,000# sand, 165 Bbls water and 855,000 scf nitrog
Lower Huron Angola Shale ->

WELL LOG

	·	AAT.		
FORMATION	COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all freshand salt water, coal, oil and gas
	Sand & Shale Coal Sand & Shale Berea Upper Huron Shale Lower Huron Shale Angola Shale	0 10 14 1879 % ² 2735 2784 3054	10 14 1879 1905 2744 3054 3253 T.D.	l 1/2" stream salt water @702 l 1/2" stream salt water @131 l 1/2" stream salt water @190 gas show
	GP Congress (ATT NEW COOR) ST BEACH (102) And Mark			<u>4.2. 94.7</u>
8	os' tpike.	-		
•				
	en e			
				2710 1905

(Attach separate sheets as necessary)

UNION DRILLING,	INC.
Well Operator	A
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By: Jasel (-+	My
\	Vice President of Production

11/20/84

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 only encountered in the drilling of a well."

FILE COPY



3)	AFI Well No.	State		Count			Permit
2)	API Well No.	47	-	053	_	0339	
2)	Operator's Well No.	2022	_	2			
1)	Date: Feb	, 1	9 <u>84</u>				

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

A) WELLT	VDE. A C	N21	/ C	X	7					
4) WELL T				3	<u> </u>	/ Linderground	storage	/ Deem	/ Shallann	Υ
B (If "Gas", Production X 5) LOCATION: Elevation: 637.24'				Underground storage/ Deep/ Shallow _X/) Watershed: _Flatfoot Creek						
), LOCATI		strict:		. • .		3.	_		Apple Grove	
6 WELLO	PERATOR							DAGENT Joseph		t Jr
Addre		t Offi				·	Address	Post Office		<u>. 01.</u>
, idan		khanno			201		Address	Buckhannon.		
8) OIL & G							9) DRILLING C		20201	
Name		y Teph					,	on Drilling.	Tnc.	
Addre		ite 1.				- 	Address	Post Office		
		ley. W		5271			Audicos	Buckhannon		
10) PROPOS	•		Drill		_/ Drill	deeper	/ Dadrill	/ Stimulate		17 18 18 85
io) PROPOS	DED WELL	WORK.					rate new formation			は以り
			_				rate new formation		1 1 2 Warned	المحدد ومر
11) GEOLO	CICAL TAR	CET FOR	MATION	Dev	onian	Shale		· · · · · · · · · · · · · · · · · · ·	Company CITO	7 1334
	mated depth			76	00'	feet				<u> </u>
	roximate tra						t. ?	feet.	OIL & PA	S CIVISIO
	roximate coa				?				_	_
15) CASING						13 C	oai being innied in th	e area? Yes	- 140	E WHY
CASING OR	II		CIFICATION	6	11	FOOTACE	INTERVALS	TI CEMENT PILL UP	ll provens	
TUBING TYPE		i	Weight	1			1	CEMENT FILL-UP OR SACKS	PACKERS	
<u> </u>	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)		
Conductor	11-3/	4	32	 X	 	301	30'		Kinds	
Fresh water		-	 		-	0271	837	1		
Coal	8-5/	0	23	X		<u> </u>			Sizes	
Intermediate	4-1/			X	 	1000'	1000 ·	to surface	NEAT	
Production	4-1/	<u> </u>	$10\frac{1}{2}$	<u>^</u>		3500 '	3500'	as required	Depths set	
Tubing			 		 			641	ule 15.0	<i>f</i>
Liners			 					#	Perforations:	
			 					-	Тор	Bottom
			<u> </u>	 				#		
		L	<u> </u>	l	11			Ш	<u> </u>	
•										
	*					FFICE USE	ONLV			
						RILLING PI				
	, -	050 00			L	KILLING FI	SWIATT T			
Permit number	4/-	053-03	39					March 20	<u>5, </u>	19 84
								Dat	е	
This permit co	vering the w	ell operato	or and wel	ll location	on shown b	oelow is evidence	of permission grant	ed to drill in accordan	ce with the pertine	nt legal re-
quirements sub	ject to the c	onditions (contained	herein a	and on the	reverse hereof. N	otification must be g	iven to the District Oil	and Gas Inspector	, (Refer to
district oil and	gas inspecto	or 24 hours	s before a	ions and ctual pe	rmitted wo	ny permitted work ork has commence	k. In addition, the w	vell operator or his con	tractor snall notity	tne proper
							•	to any modifications a		C:
reverse hereof.				e anu A	аррисации	, piat, and recian	iation pian, subject	to any modifications a	na conditions speci	ned on the
Permit expires	Mar	ch 26,	1986			unless wel	ll work is commenced	d prior to that date and	prosecuted with du	e diligence
						ao.o		prior to mar date und	prosecuted with du	e diligence.
<u>.</u>										
Bond:	Agen	1: [Plat:	Casir	ıg	Fee				
		2 1	mul.	m	1101	57		-1.	/	
L			- // -	+++		z /_ _				
							Adm	inistrator, Office of C	oil and Gas	
NOTE: Keep	one copy of	this perm	it posted	at the d	rilling loca	tion.	. 1411		040	

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

File