



DIVISION OF OIL & GAS DEPT. OF ENERGY



State of Mest Airginia Pepartment of Mines Oil und Cas Phision

Date December 9, 1985						
Operator's						
Well:	No. 2 - 2015					
Farm	Verlin Childers #2					
API N	o. 47 - 053 - 0344					

WELL OPERATOR'S REPORT

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

LOCATION: Elevation: 780' Watershed_	Mud Run			
District: Clendenin County Mas	son	_Quadrangle	Apple (Grove
CCMPANY Union Drilling, Inc.	[a-i	Used in	Tof+	Cerent
ADDRESS P.O. Drawer 40, Buckhannon, WV 26201	Casing			fill up Cu. ft.
DESIGNATED AGENT Joseph C. Pettey	Tubing	Drilling	Tu werr	Cu. IC.
ADDRESS P.O. Drawer 40, Buckhannon, WV 26201	Size 20-16			•
SURFACE CWNER Verlin E. Childers	Cord.			
ADDRESS 174 Edison Dr., Huntington, WV 25705	13-10"	32.50'		
MINERAL RIGHTS OWNER same as surface	9 5/8	723.90	723.90'	269 cf
ADDRESS	8 5/8			
OIL AND GAS INSPECTOR FOR THIS WORK	7	2140.05'	686.55'	295 cf
Jerry Tephabock ADDRESS Rt.1, Box 101A, Ripley, W	13 1/2			
PERMIT ISSUED 3/26/84	4 1/2		3322.65'	170 cf
DRILLING COMMENCED 10/3/85	3			
DRILLING COMPLETED 10/10/85	2			
IF APPLICABLE: PLUGGING OF DRY HOLE ON CONTINUOUS PROGRESSION FROM DRILLING OR	Liners	1		
REWORKING. VERBAL PERMISSION OBTAINED ON	used			·
GEOLOGICAL TARGET FORMATION Devonian Sha	le	Dep	oth 350	<u>o'</u> fee
Depth of completed well 3398' feet	Rotary x	XX / Cabl	e T∞ls_	
Water strata depth: Fresh 390' feet;				
Coal seam depths: none	Is coa	l being mir	ned in the	area? no
OPEN FLOW DATA - Producing formation Upper & Lower Huron	Devonian	Shale der	n th 2124	ı fee
Producing formation upper & Lower Huron	,	ay zone act	flow	
Gas: Initial open flow no show Mcf/d Final open flow 30 Mcf/d	OTT: T	inal open	1 110 F1.cw	
Time of open flow between in				
Time of open flow between in Static rock pressure 400# psig(surf	iciai am	compet after	er 24 hou	irs shut i
		eleit) aru		20 0
(If applicable due to multiple completion	on)	ou sono de	nth	for
Second producing formation	r	ay zone de	n flow	Phi
Gas: Initial open flowMcf/d	011: 1	ingloses	flow	
	011: 1			
Final open flow Mcf/d		cincl Lank	ے کہ	mire.
Final open flowmcr/d Time of open flow between in Static rock pressurepsig(surfa	itial and	final test	sh	ours ors short

DETAILS OF PERFORMED INTERVALS, FRACTURING OR STIPLLATING, PHYSICAL GRANGE, ETC.

Nowsco - 1 stage Foam Frac - 10/16/85

2822/3134 - Devonian Shale - 90,000# sand, 162 Bbls water and 819,200 scf nitrogen

Miland W. Ga

WELL LOG

FORMATION COLOR HARD OR SOFT	TOP FEET	BOTTOM FEET	REMARKS Including indication of all fres and salt water, coal, oil and ga
Dirt	. 0	6	~ .
Sand & Shale	6	1312	3/4" stream fresh water @390'
Big Lime	1312	1367	1" stream salt water @1015'
Injun 🍪	1370	1504	3 1/2" stream salt water @1238'
Berea 60 April Chale	1969 199 4	1993	l" stream salt water @1301'
Top of Devonian Shale	2816	2830	
Upper ∫Huron Lower}Huron	2865	3139	
<u>Angol</u> a Shale	3139	3398	
Oh rotation		3398	T.D. gas check @T.D 2906'
Jana 3139 100			
Jana 3139 ina			
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Anapla 32.29.			
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(Attach separate sheets as necessary)

Well Operator

By:

Joseph C. Pettey, Vice President of Production

12/9/85

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 the propuntered in the drilling of a well."



•		State	Coun	ty	Permit	
	API Well No.		053 -	0344		
2)	Operator's Well No	2015 -	2	,	٠.	•
1)	Date: Feb	ruary	<i>2</i> 4,	, 19	84	. *

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

				<u>AI</u>	PLICAT	ON FOR A W	ELL WORK PERMIT	Marin January (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987) (1987)	en e
WELLTY	PE: A O	ir .	€ J. Ga	ıs X	<u> T </u>	Frie in ZV	COMPLETE CONTROL	DURICATIONS	A TABLES
,	В. Л	f "Gas". I	 Production	ı X		✓ Undergrou	nd storage	/ Deep	/ Shallow X/)
LOCATIO	•		780.44			Watershed			
LUCATIO			endeni				Mason	Ouadrangle: A	pple Grove
WELL OP					Inc		7) DESIGNATEI	AGENT Joseph	C. Vanzant, Jr.
	70	ost Of	fice I	mame e	r 40		Address	Post Office	Drawer 40
Address			non, W		26201		71441 055	Buckhannon.	
					<u> </u>		9) DRILLING C	•	
OIL & GA				FIED			-,	on Drilling, I	nc
Name		y Teph	anock_	01 4				Post Office	
Address			Box 1				Address	Buckhannon.	
	_R1	pley,		25271				•	
PROPOSE	D WELL V	WORK:	Drill		_/ Drill	-	/ Redrill		
			Plug of	f old f	ormation_	/ Pe	rforate new formation		(5) (5) (7) (5) (5) (5) (5) (5) (5) (5) (5) (5) (5
			Other p	hysical	change in	well (specify)_		11	13000
GEOLOGI	CAL TAR	GET FOR	MATION	, <u>D</u>	<u>evonia</u>	n Shale			
12) Estima					3500		feet	C. it	FEB 2 7 1984
13) Appro					?	feet;	salt, ?	feet.	
14) Appro					?	I	s coal being mined in the	e area? Yes	SHE ENGES KIVIBIO
CASING A							-		PI PACKERS MINE
	 		IFICATION!		-	FOOTA	GE INTERVALS	1 CEMENT FILL UP	PACKERS PACKERS
ASING OR JBING TYPE		l	Weight	1			1	OR SACKS	
	Size	Grade	per ft.	New	Used	For drilling	Left in well	(Cubic feet)	
ductor	11-3/	4	32	X_		30 '	30'	 	Kinds
h water	ļ		 	ļ		an.t	1001		
<u> </u>			ļ			980	980'		Sizes
rmediate	8-5/	8	23	_X	1	1000 '	1900'	to surface	NEAT
duction	4-1/	2 J	101/2	X		3500¹	3500 '	as required	Depths set
ing						* *		by rule	15.01
ers			l					/	Perforations:
									Top Bottom
			4	•	<u> </u>				
						OFFICE US	SE ONLY		
	*					DRILLING			
					-	DRIEDING			- 0/
nit number_	47-	053-0	344					March 2	6, 1984
			4				•	Dat	c
rements subje 8) Prior to the rict oil and g	ect to the construction in	onditions tion of ro or 24 hour	contained ads, locati s before a	herein a ons and ctual pe	and on the I pits for a ermitted w	reverse hereof ny permitted w ork has comm	f.Notification must be good. In addition, the venced.)	vell operator or his con	ce with the pertinent legal re- and Gas Inspector, (Refer to tractor shall notify the proper and conditions specified on the
rmit expires	Mai	ch 26	, 1986			unless	well work is commence	d prior to that date and	prosecuted with due diligence
Bond:	Agen		Plat:	Casi		Fee 14- 27			
								111	X
						•	Adn	ninistrator, Office of C	il and Gas
OTE: Keep o	ne copy of	f this pern	nit posted	at the	rilling loc	ation.			
J. 2. 1100p	p, O				•				File

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