



1)	Date: December 21,	1983
2)	O	

State

Operator's Well No.

Well No. Pickens W3) API Well No.  $\frac{47}{9}$  - 107

107 - 1303 County Pe

Permit

0

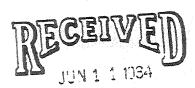
## STATE OF WEST VIRGINIA DEPARTMENT OF MINES, OIL AND GAS DIVISION APPLICATION FOR A WELL WORK PERMIT

4) WELL TY									
B (If "Gas", Production X  5) LOCATION: Elevation: 640 *			/ Underground	storage	/ Deep <u>X</u>	_/ Shallow/)			
5) LOCATIO									
									.Parkersburg 7½
									l L. Prather
Addres							Address		0x 91
8) OIL & GA					LIS,	WV 26150	0) DDIII DIG G		al Wells,WV 261
.,							9) DRILLING C	ONIKACIOR: William H. I	Dutnom
									<u>FULII alli</u>
1 200	Rin	lev.	WV 25	271	Ph:	372-6805	Address	Marietta.	OH 45750
								/ Stimulate X	
10) 110100		··· OIGI.					rate new formation		THE COURT OF THE PERSON OF THE
							rate new Tormation		13/100
11) GEOLOG	ICAL TAR	GET FOR	MATION	,	Oris	kanv			DE0.2 1 1083
12) Estim	ated depth	of complet	ed well,	,	5000	feet			
13) Appr	oximate trat	ta depths:	Fresh.	n	1 a	feet: sal	t n/a	feet.	CIL & GAS DIVISIO
14) Appr	oximate coa	ıl seam dep	ths:		·	Is co	oal being mined in th	e area? Yes	MINISTER OF THE
15) CASING	AND TUBI	ING PRO	GRAM			-		Sec.	J. OF WILLY
CASING OR TUBING TYPE		SPEC	IFICATIONS	<b>S</b> .	- Davis	FOOTAGE	INTERVALS	CEMENT FILL-UP	PACKERS
TOBING I IFE	Size	Grade	Weight per ft.	New	Used	For drilling	Left in well	OR SACKS (Cubic feet)	
Conductor									Kinds
Fresh water	11-3	/ 8		X		3	200	To surface	2
Coal		<u> </u>							Sizes
Intermediate	8-5	1		X		<b>*</b>	2000	To surface	
Production :	4 1	/ 2	ļ	X		<u>-</u>	4900	225 sks.	Depths set
Tubing	-	<u> </u>			<del>                                     </del>			orasre	1. by rule 15:01
Liners	#							44	Perforations:
		<b></b>						·	Top Bottom
		1	£		1 11				
									•
		***************************************	*		!	OFFICE USE	ONLY		
				****	***************************************	DRILLING PE			
Permit number_		47-107	' <b>-</b> 1303					Dan	
rennit number_		11 100	1000					Dece	ember 21, 1983
This permit cov	ering the w	ell operato	r and well	locatio	on shown	helow is evidence	of permission grant		ce with the pertinent legal re-
quirements subj	ect to the co	onditions (	ontained l	nerein a	and on the	e reverse hereof. N	otification must be g	iven to the District Oil	and Gas Inspector (Refer to
No. 8) Prior to	ine construc	ction of ro	ads, locati	ons and	i pits for :	any permitted work ork has commence	<ol> <li>In addition, the w</li> </ol>	ell operator or his cont	tractor shall notify the proper
rne permitted w everse hereof.	OFK IS AS OF	escribed in	the Notice	e and A	pplication	n, plat, and reclam	ation plan, subject t	o any modifications an	nd conditions specified on the
Permit expires	······································	Decen	nber 21	, 198	5	unless wel	work is commenced	prior to that date and r	prosecuted with due diligence.
								. prior to mar date and j	mosceated with alle amgence.
Bond:	Agen	13	Plat:	Casin		Fee			
			2//	۱ ۱	-	1	700	1 1	
	$\mathcal{A}I$		HUL	<u>m 1</u>	1 2	301	VVI.	1 11	
*. *.	U 2	-					Hargur	1 J. Las	se-
IOTE. T		41*	•	•	****		// Adm	inistrator, Office of Oi	l and Gas
NOTE: Keep o	ne copy of	tnis perm	it posted a	t the di	rilling loc	ation.	( )		#1**

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



IV-35 (Rev 8-81)



Sinte of Mest Virginia Beparlment of Mines

Department of Mines Gil und Cas Division

Date	June	8, 3	1984	
Operator				
Well No.	V	1-6		
Farm F	obert	R.	Picker	ns_
API No.	47 -	107	- 130	03

(Continue on reverse side)

OIL & GAS DIVISION
DEPT. OF MINES

WELL OPERATOR'S REPORT OF

DRILLING, FRACTURING AND/OR STIMULATING, OR PHYSICAL CHANGE

LOCATION	: Elevation:								
	District:	Slate	_County	Woo	d	_Quadrangle	e S Park	ersburg	7章
						-			
XXX DMPANY	" PRENC	30							
ADDRESS	Box 9	91, Minera	lwells WV	_	Casing	Used in	Left	Cement	
DESIGNAT	TED AGENT Denzi	il L. Prat	her	_	Tubing		in Well	fill up Cu. ft	
ADDRESS	Same				Size				
SURFACE	OWNER Rober	rt R. Pick	ens		20-16 Cond.				
ADDRESS	Rt 3, Box 4	<u>7, Mineral</u>	wells WV	ioniti»,	13-10"	203'	203°	124 f	,3
MINERAL	RIGHIS OWNER_	Same		MATERIAL STATE OF THE STATE OF	9 5/8				
***				-	8 5/8	1946'	1946°	502 f	;3
	GAS INSPECTOR				7				
. Tepha	abock_ADDRESS_	Ripley,	WV ·		5 1/2				
	[SSUED				4 1/2		4702'	547 f	;3
	G COMMENCED	•	•		3		` .		-
	G COMPLETED			· .	2				
IF APPL	CABLE: PLUGGI DUS PROGRESSION	NG OF DRY I	HOLE ON LING OR	• • <b>:</b>	Liners	-			
REWORKI	VG. VERBAL PEF				used	· .			
ON					<u> </u>				
	CAL TARGET FORM			skany				<u>0 f</u> e	
	oth of complete					•			
	ter strata dept		n/a fe	et;					
Co	al seam depths:	none			Is coa	l being min	ea un the	area?n	<u>&gt;</u>
OPEN FL	DW DATA	4.							
Pr	oducing formati	ion <u>Devonia</u>	an shale	(Harr	<u>ell)</u> P	ay zone dep	th 4290-	4490 fe	et
Ga	s: Initial ope	en flow	Mcf	/d	Oil: I	nitial open	flow	Bbl	/đ
	Final open	flow	50 Mcf	/d	F	inal open f	low	0- Bbl	/d
	Time o	of open flo	w between	initi	al and	final tests	bc	ours	
St	atic rock press	sure 1200	psig(su	rfaœ	measur	ement) afte	r 96 hou	ırs shut	in
(I	f applicable di	ue to multi	ple comple	tion-	-)				
Se	cond producing	formation_	Devonian	sha]	.eP	ay zone dep	th 3743-	SECOND STREET,	
Ga	s: Initial ope						•	Bbl	
	rinal anon	flow min	rled Mof	/d	Oil: F	inal open f	low	Bbl	/d
	Final open	with a	dove im.	, –		•			
						final tests			5

60 TAILS OF PERFORATED INTERVALS, FRACTURING OR STIPULATING, PHYSICAL CHANGE, ETC.

fractured open hole (4706-4774) with 800 gal 15% HCl and 2-8-84:

3-20-84: 4-9-84:

REMARKS

5-2-84:

880 MSCF N<sub>2</sub>.

set cast-iron bridge plug at 4550.

set cast-iron bridge plug at 4530.

perforated 4290 to 4490 with 30 holes.

fractured with 750 gal 15% HCl and 540 MSCF N<sub>2</sub>.

perforated 3743-3949 with 30 holes and set ball plug at 4000.

fractured with 750 gal 15% HCl and 540 MSCF N<sub>2</sub>. 5-3-84: 5-15-84:

## WELL LOG

ation color hard or soft	TOP FEET	BOTTOM FEET	Including indication of all fresh and salt water, coal, oil and gas
		•	
hale and sandstone	0	460	<u> </u>
andstone	460	520	
hale	520	595	
andstone	595	642	
hale and sandstone	642	884	Abbert will be a second and a second a second and a second a second and a second and a second and a second and a second an
andstone	884	905	### ### ### ### ### ### ### ### ### ##
andy shale	905	96.0	
andstone	960	1062	
shale	1062	1168	
sandstone	1168	1280	
shale	1280	1435	
sandstone	1435	1469	
shale	1469	1498	
sandstone	1498	1724	
siltstone and shale	1724	4636	Berea horizon at 2108
Limestone	4636	4760	
sandstone	4760	4774	TD Rhinesteat @ TR 2150
		The second secon	4774 395° 2108 35
•	-1		2666 43
	•	•	magherer and

TD in Oriskany (Attach separate sheets as necessary)

PRENC				
Well O	perator			
By:	Jaired W Batter			٠
	Par. 30. 1984	Geol	ogist	
			N/St 1	

Regulation 2.02(i) provides as follows: "The term 'log' or 'well log' shall mean a systematic detailed geological record of all formations, including ear!, encountered in the drilling of a well."

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