WR-35

X

DATE: November 04, 2008 API #: 47-097-03503

State of West Virginia Division of Environmental Protection Section of Oil and Gas

Well Operator's Report of Well Work

Farm name: BETTY RUSMISELL	Operator	Well No.: <u>6</u>	26776					
LOCATION: Elevation: 1459' Quadrangle: ADRIAN 7 1/2								
District. DIIOVUANNON	Countre	UPSHUR						
District: <u>BUCKHANNON</u> Latitude: 5700 Feet South of 39			Sec.					
Longitude 9450 Feet West of 80		Min. 00						
Conglude 9430 Feet West of St	7 Dcg1.	, with <u>ou</u>						
Company: CHESAPEAKE APPALACHIA, L.L.C.	Casing &	Used in	Left in well	Cement fill				
	Tubing	Drilling		up Cu. Ft.				
Address: Post Office Box 6070								
Charleston, WV 25362-0070	20"	46'	46'	DRIVEN				
Agent: Michael John	11 ¾"	165'	165'	CTS				
Inspector: Bill Hatfield	8 5/8"	1722'	1722'	CTS				
Date Permit Issued: 03/13/2008	4 1/2"	7655'	7655'	292				
Date Well Work Commenced: 04/11/2008								
Date Well Work Completed: 06/04/2008								
Verbal Plugging:								
Date Permission granted on:								
Rotary XX Cable Rig				-en/En-				
Total Depth (feet): LTD: 7659'; DTD: 7655'			ME ME	CEIAED				
Fresh Water depths (ft): 46', 170'			_Office.	of Oil & Gas				
Salt water depths (ft): 1722'	<u> </u>		Vbl	0 9 2013				
				<u> </u>				
Is coal being mined in area (Y/N)? No			14010	martment of				
Coal Depths (ft): 165'-170'		<u> </u>	I WW DE	ballinont of				
Is coal being mined in area (Y/N)? No Coal Depths (ft): 165'-170' OPEN FLOW DATA WV Department of Environmental Protection								
Producing formation Marcellus Pay zone depth (ft) 7392-7344								
Gas: Initial open flow Oil:	Initial open flow Bbl/d							
Final open flow 1,000 MCF/d flow Bbl/d								
Time of open flow between initial and final tests Hours								
Static rock Pressure psig (surface pressure) after Hours								
- 1.4.0\								
Second producing formation Pay zone depth (ft)								
	al open flow MCF/d Oil: Initial open flow Bbl/d							
Final open flow MCF/d Final open flow Bbl/d Time of open flow between initial and final tests Hours								
Time of open flow between initial and fr	nal tests	Hours	. Tlane					
Static rock Pressure psig (sur								
NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.								
Signed: Marc Watkins, District Manager Chesapeake Appalachia, L.L.C. By: Marc Watkins, District Manager								
Date: 11/4/08				•				

FORMATION RECORD: Well

from Driller's Log Book,

to TD from Gamma Ray Log

г т		ROCK TYPE	1			
		(described rock types and other minerals				
		penetrated and record occurrences of oil,				
FROM	TO	gas and water from surface to total depth)				
0	165	Sand & Shale	WATER:	Depth (ft)	Amount	Type
165	170	Coal	1	46'	Damp	Fresh
170	1070	Sand & Shale	1	170'	Damp	Fresh
1070	1314	Maxon	1		I	
1314		Sand & Shale				
1508		Little Lime				
1532	1772	Big Lime				
1772	1789	Injun				
1789	1832	Sand & Shale				_
1832	1892	Weir	GAS CHECKS:	Depth(ft)	MCF/D	
1892		Pocono Shale				
	2252					
2252	2397	4th & 5th Sands]			
2397	2568	Pocono Shale		REC	EIVED	
2568	2619	Speechly		Office	f Oil & C	20
2619	2974	Pocono Shale			. 01: 2	140
2974		Balltown		מטע	0 9 2013	
	3030]	AIN	0 9 2013	
3030	3472	Pocono Shale	1			
3472	3584	Riley	_	WV Der	artment	of
3584	4258	Pocono Shale	. ⊢ Fn	vironme	ntal Prot	ection
4258	4340	Benson		PHOTHIC:	itar i rot	CUON
4340	4634			L	<u>L</u>]
4634	4714		4			
4714	7114					1
7114	7156		OIL SHOWS:	<u>Depth</u>	<u>Amount</u>	
7156	7194		4			4
7194	7305	Hamilton Shale	4			4
7305	7390		4		<u> </u>	J
7390	7406	Onandaga Lime	PERFORATION	ıo.		
7406	7659	Oriskany	Stage 1:	15:		
	-		Marcellus: 7392-	7344 102 hal	les 4 enf	
			- Iviaicellus. 7392-	7377, 172 110	103, 4 apı	
<u> </u>	ļ		4			
ļ	 		-{			
 	 		4			
	 					
ļ	 		STIMULATION	ı .		
	 		Stage 1:	l•		
	 		Marcellus:			
	 			bls of Slickw	ater, 240.000#	# 40/70 & 270,000#
			100 Mesh. BD: 3	3200 psi, ATR	=70 bpm, AT	P=6200 psi, ISIP:
-	 		3083 psi, 5 min:		,	• •
	 		1	•		
	-		7			
			7			
 	 		1			
-	1		7			
	<u> </u>					