

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 5/26/2016
API #: 47-103-02877

Farm name: Robert Baxter WTZ 205H Operator Well No.: 837454

LOCATION: Elevation: 1,320' Quadrangle: Wileyville

District: Proctor County: Wetzel
Latitude: 5,440' Feet South of 39 Deg. 45 Min. 00 Sec.
Longitude 13,280' Feet West of 80 Deg. 42 Min. 30 Sec.

Company: Chesapeake Appalachia, L.L.C.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 18496 Oklahoma City, OK 73154-0496	20"	110'	110'	190 Cu. Ft.
Agent: Eric Gillespie	13 3/8"	1,025'	1,025'	1,077 Cu. Ft.
Inspector: Derek Haught	9 5/8"	2,612'	2,612'	1,134 Cu. Ft.
Date Permit Issued: 4-23-2013	5 1/2"	11,240'	11,240'	2,683 Cu. Ft.
Date Well Work Commenced: 6-27-2013				
Date Well Work Completed: 11-14-2013				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,891'				
Total Measured Depth (ft): 11,242'				
Fresh Water Depth (ft.): 515'				RECEIVED Office of Oil and Gas
Salt Water Depth (ft.): 1,159'				JUN 21 2016
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 1,080'				WV Department of Environmental Protection
Void(s) encountered (N/Y) Depth(s) N				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) ^(7949' - 11090')

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow 2994* MCF/d Final open flow 162 Bbl/d

Time of open flow between initial and final tests ⁹⁶ _____ Hours *Calculated

Static rock Pressure 4479* psig (surface pressure) after ⁹⁶ _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial 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

Static rock Pressure _____ psig (surface pressure) after _____ Hours

APPROVED

NAME: Derek M. Haught

DATE: 5-23-16

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

[Signature]
Signature

6/14/2016
Date

10/28/2016

Were core samples taken? Yes _____ No

Were cuttings caught during drilling? Yes No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list No logs were recorded.

NOTE: IN THE AREA BELOW 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 THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

See attached

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: Surface:	Top Depth	/	Bottom Depth
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See attachment

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HORIZONTAL WELL (No pilot hole associated with this pad)				
Maximum TVD of wellbore:	6825 ft TVD @ 11242 ft MD			
Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
SS and SILTSTN	0	0	820	820
LS and SS	820	820	1130	1130
Pittsburgh Coal	1130	1130	1134	1134
SH and SS	1134	1134	1750	1750
SILTSTN and SS	1750	1750	2130	2130
Big Lime	2130	2130	2232	2232
SILTSTN and SS	2232	2232	2294	2288
Big Injun	2294	2288	2459	2454
SH and SILTSTN	2459	2454	7452	6779
Geneseo	7452	6779	7496	6789
Tully	7496	6789	7626	6823
Hamilton	7626	6823	7930	6888
Marcellus	7930	6888	7944	6891
Purcell	7944	6891		
End of Well			11242	6825

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PERFORATION RECORD ATTACHMENT

Well Name and Number: Robert Baxter Wtz 205H

API No. 47-103-02877

Stage	PERFORATION RECORD				STIMULATION RECORD							
	Date	Interval Perforated		Total Number Of Shots	Date	Interval Treated	Fluid		Propping Agent		Average Injection Rate	
		From	To				Type	Amount	Type	Amount		
1	10/11/2013	10971	11090	40	10/11/2013	10971	11090	SLK Wtr	4859	Sand	329140	76
2	10/12/2013	10803	10925	40	10/12/2013	10803	10925	SLK Wtr	5667	Sand	294780	75
3	10/12/2013	10635	10755	40	10/12/2013	10635	10755	SLK Wtr	5036	Sand	329320	73
4	10/12/2013	10467	10587	40	10/12/2013	10467	10587	SLK Wtr	4450	Sand	329980	79
5	10/12/2013	10300	10419	40	10/12/2013	10300	10419	SLK Wtr	4662	Sand	329700	79
6	10/12/2013	10132	10251	40	10/12/2013	10132	10251	SLK Wtr	4635	Sand	328800	76
7	10/13/2013	9964	10083	40	10/13/2013	9964	10083	SLK Wtr	4580	Sand	330700	73
8	10/13/2013	9796	9915	40	10/13/2013	9796	9915	SLK Wtr	4632	Sand	334820	70
9	10/13/2013	9628	9747	40	10/13/2013	9628	9747	SLK Wtr	4596	Sand	329840	80
10	10/13/2013	9460	9579	40	10/13/2013	9460	9579	SLK Wtr	4540	Sand	330400	80
11	10/14/2013	9292	9411	40	10/14/2013	9292	9411	SLK Wtr	4446	Sand	330800	79
12	10/14/2013	9124	9243	40	10/14/2013	9124	9243	SLK Wtr	4693	Sand	329620	79
13	10/14/2013	8956	9076	40	10/14/2013	8956	9076	SLK Wtr	4458	Sand	332760	79
14	10/14/2013	8788	8908	40	10/14/2013	8788	8908	SLK Wtr	4811	Sand	329280	80
15	10/14/2013	8621	8742	40	10/14/2013	8621	8742	SLK Wtr	4684	Sand	328660	80
16	10/15/2013	8453	8572	40	10/15/2013	8453	8572	SLK Wtr	4485	Sand	330680	78
17	10/15/2013	8285	8404	40	10/15/2013	8285	8404	SLK Wtr	4478	Sand	330620	79
18	10/15/2013	8117	8236	40	10/15/2013	8117	8236	SLK Wtr	4623	Sand	330460	76
19	10/15/2013	7949	8068	40	10/15/2013	7949	8068	SLK Wtr	4701	Sand	329120	78

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