

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 #: 47-103-02839

Farm name: Robert Baxter Wtz 10H Operator Well No.: 831169

LOCATION: Elevation: 1,320' Quadrangle: Wileyville

District: Proctor County: Wetzel  
Latitude: 5,400' Feet South of 39 Deg. 45 Min. 00 Sec.  
Longitude 13,290 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.
<u>P.O. Box 18496</u> <u>Oklahoma City, OK 73154-0496</u>	<u>20"</u>	<u>118'</u>	<u>118'</u>	<u>222 Cu. Ft.</u>
Agent: <u>Eric Gillespie</u>	<u>13 3/8"</u>	<u>1,069'</u>	<u>1,069'</u>	<u>1,156 Cu. Ft.</u>
Inspector: <u>Derek Haught</u>	<u>9 5/8"</u>	<u>2,632'</u>	<u>2,632'</u>	<u>1,139 Cu. Ft.</u>
Date Permit Issued: <u>1-16-2013</u>	<u>5 1/2"</u>	<u>12,302'</u>	<u>12,302'</u>	<u>2,784 Cu. Ft.</u>
Date Well Work Commenced: <u>5-2-2013</u>				
Date Well Work Completed: <u>12-6-2013</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>7,033'</u>				
Total Measured Depth (ft): <u>12,305'</u>				
Fresh Water Depth (ft.): <u>511'</u>				
Salt Water Depth (ft.): <u>1,159'</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>962'</u>				
Void(s) encountered (N/Y) Depth(s) <u>N</u>				

**APPROVED**  
NAME: Derek A. Haught  
DATE: 5-27-16

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

Producing formation Marcellus Pay zone depth (ft) 7,189-12,141  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 2,717\* MCF/d Final open flow 182 Bbl/d  
Time of open flow between initial and final tests 72 Hours \*Calculated  
Static rock Pressure 4,571\* psig (surface pressure) after 72 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

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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 Date 6/14/2016

10/28/2016

Were core samples taken? Yes \_\_\_\_\_ No X

Were cuttings caught during drilling? Yes X No \_\_\_\_\_

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list None taken.

**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: \_\_\_\_\_ Top Depth \_\_\_\_\_ / \_\_\_\_\_ Bottom Depth \_\_\_\_\_  
Surface: \_\_\_\_\_

See attached

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<b>HORIZONTAL WELL (No pilot hole associated with this pad)</b>				
<b>Maximum TVD of wellbore:</b>	7033 ft TVD @ 12305 ft MD			
<b>Formation/Lithology</b>	<b>Top Depth, MD (ft)</b>	<b>Top Depth, TVD (ft)</b>	<b>Bottom Depth, MD (ft)</b>	<b>Bottom Depth, TVD (ft)</b>
SS and SILTSTN	0	0	936	936
LS and SS	936	936	1150	1150
Pittsburgh Coal	1150	1150	1162	1162
SH and SS	1162	1162	1716	1716
SILTSTN and SS	1716	1716	2150	2150
Big Lime	2150	2150	2236	2236
SILTSTN and SS	2236	2236	2311	2306
Big Injun	2311	2306	2465	2459
SH and SILTSTN	2465	2459	6821	6771
Geneseo	6821	6771	6853	6791
Tully	6853	6791	6904	6819
Hamilton	6904	6819	7088	6895
Marcellus	7088	6895	7098	6898
Purcell	7098	6898		
End of Well			12305	7033

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# PERFORATION RECORD ATTACHMENT

Well Name and Number: Robert Baxter WTZ 10H

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Stage	PERFORATION RECORD					STIMULATION RECORD						
	Date	Interval Perforated		Total Number Of Shots	Interval Treated	Fluid		Propping Agent		Average Injection Rate		
		From	To			Type	Amount	Type	Amount			
		Date	Date									
1	10/16/2013	12022	12141	40	12022	12141	SLK Wtr	3112	Sand	247160	73	
2	10/16/2013	11856	11974	32	11856	11974	SLK Wtr	3682	Sand	247440	77	
3	10/17/2013	11689	11807	32	11689	11807	SLK Wtr	3577	Sand	247860	78	
4	10/17/2013	11522	11641	32	11522	11641	SLK Wtr	3577	Sand	247520	78	
5	10/17/2013	11356	11474	32	11356	11474	SLK Wtr	3555	Sand	242480	77	
6	10/17/2013	11189	11307	32	11189	11307	SLK Wtr	3944	Sand	250520	79	
7	10/17/2013	11022	11141	32	11022	11141	SLK Wtr	3579	Sand	246800	80	
8	10/17/2013	10856	10974	32	10856	10974	SLK Wtr	3614	Sand	247460	79	
9	10/17/2013	10689	10807	32	10689	10807	SLK Wtr	3578	Sand	254460	77	
10	10/18/2013	10522	10641	32	10522	10641	SLK Wtr	3701	Sand	255920	77	
11	10/18/2013	10356	10474	32	10356	10474	SLK Wtr	3709	Sand	251300	79	
12	10/18/2013	10189	10307	32	10189	10307	SLK Wtr	3622	Sand	249960	80	
13	10/18/2013	10018	10141	32	10018	10141	SLK Wtr	3677	Sand	246820	78	
14	10/18/2013	9856	9974	32	9856	9974	SLK Wtr	4140	Sand	247600	78	
15	10/19/2013	9689	9807	32	9689	9807	SLK Wtr	4223	Sand	249860	79	
16	10/19/2013	9522	9641	32	9522	9641	SLK Wtr	3587	Sand	251540	80	
17	10/19/2013	9356	9474	32	9356	9474	SLK Wtr	3657	Sand	248620	80	
18	10/20/2013	9189	9307	32	9189	9307	SLK Wtr	3524	Sand	249800	78	
19	10/20/2013	9022	9141	32	9022	9141	SLK Wtr	3711	Sand	244060	80	
20	10/21/2013	8856	8974	32	8856	8974	SLK Wtr	3716	Sand	248460	79	
21	10/21/2013	8689	8807	32	8689	8807	SLK Wtr	3545	Sand	253940	80	
22	10/21/2013	8520	8641	32	8520	8641	SLK Wtr	3535	Sand	254220	80	
23	10/21/2013	8356	8474	32	8356	8474	SLK Wtr	3614	Sand	247800	78	
24	10/21/2013	8189	8307	32	8189	8307	SLK Wtr	4024	Sand	246140	78	
25	10/21/2013	8022	8141	32	8022	8141	SLK Wtr	4635	Sand	224060	77.5	
26	11/6/2013	7856	7974	32	7856	7974	SLK Wtr	3418	Sand	248100	80	
27	11/6/2013	7687	7807	32	7687	7807	SLK Wtr	3395	Sand	248480	78	
28	11/6/2013	7522	7641	32	7522	7641	SLK Wtr	3441	Sand	248820	76	
29	11/6/2013	7356	7474	32	7356	7474	SLK Wtr	3486	Sand	251300	76	
30	11/6/2013	7189	7307	32	7189	7307	SLK Wtr	3348	Sand	243320	79	

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