

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

DATE: 2012-09-26 - Amended  
API #: 4709101211

Farm name: Robert P. & Shirley J. Turoczy Operator Well No.: 511510

LOCATION: Elevation: 1420 Quadrangle: Rosemont

District: Unknown County: Taylor, WV  
Latitude: \_\_\_\_\_ Feet South of <sup>39</sup> \_\_\_\_\_ Deg. <sup>31</sup> \_\_\_\_\_ Min. <sup>62</sup> \_\_\_\_\_ Sec.  
Longitude \_\_\_\_\_ Feet West of <sup>-80</sup> \_\_\_\_\_ Deg. <sup>16</sup> \_\_\_\_\_ Min. <sup>28</sup> \_\_\_\_\_ Sec.

Company: EQT Production Company

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
EQT Plaza, Suite 1700				
625 Liberty Avenue, Pittsburgh, PA 15222	20	40	40	134.52
Agent: Cecil Ray	13 3/8	944	944	918.68
Inspector: <b>Brian Harris</b>	9 5/8	2,490.13	2,490.13	999.6
Date Permit Issued: <b>2011-01-03</b>	5 1/2	12,075.62	12,075.62	1,405.9
Date Well Work Commenced: <b>2011-03-19</b>				
Date Well Work Completed: <b>2011-09-07</b>				
Verbal Plugging: <b>Not Applicable</b>				
Date Permission granted on: <b>Not Applicable</b>				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): <b>7,375.95</b>				
Total Measured Depth (ft): <b>12,098</b>				
Fresh Water Depth (ft.): <b>74, 112, 139, 234, 801</b>				
Salt Water Depth (ft.): <b>883</b>				
Is coal being mined in area (N/Y)? <b>N</b>				
Coal Depths (ft.): <b>466, 677, 790</b>				
Void(s) encountered (N/Y) Depth(s) <b>N</b>				

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

Producing formation Marcellus Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 4,128 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure 780 psig (surface pressure) after \_\_\_\_\_ 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

OCT 09 2012

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.

*M. H. Burt*  
Signature

2012-09-26  
Date

11/09/2012

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 Geophysical

**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 Attachment**

Plug Back Details Including Plug Type and Depth(s): 2418/2468 (Class A) Cubic Feet: 113.05,  
2390/2240 (Class A) Cubic Feet: 113.05, 6,252/6,752 9 (Class H) Cubic Feet: 169.29

Formations Encountered: Top Depth / Bottom Depth  
Surface:

Fill 330 / 466.00 Coal 466 / 468.00 Siltstone 468 / 677.00 Coal 677 / 679.00 Siltstone 679 / 790.00  
Coal 790 / 792.00 Sand 792 / 950.00 Sand 950 / 1334.00 Big Lime 1334 / 1457.90 Big Injun 1457.9 / 1604.90  
Weir Sand 1604.9 / 1872.80 50 Foot 1872.8 / 1945.70 30 Foot 1945.7 / 2111.70 Gordon 2111.7 / 2219.60  
Fourth Sand 2219.6 / 2408.50 Fifth Sand 2408.5 / 2487.40 Speechley 2487.4 / 2948.10 Bradford 2948.1 / 3390.60  
Benson 3390.6 / 4406.90 Elks 4406.9 / 4477.80 Sonyea 4477.8 / 6703.60 Middlesex 6703.6 / 7007.80  
Genesee 7007.8 / 7123.20 Geneseo 7123.2 / 7244.20 Tully 7244.2 / 7287.30 Hamilton 7287.3 / 7344.90  
Marcellus 7344.9 / 7375.0

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
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<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>			
1	MARCELLUS	Slickwater			
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psl</b>	<b>SIP Detail</b>
6/18/2011	11793 - 12027		6,935.00	8,100.00	5 Min: 4824
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 4678
90.00	8,390.00	5,776.00	1.2		15 Min: 4595
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
402,739.00	10,289.00		2,000.00		

<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>			
2	MARCELLUS	Slickwater			
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psl</b>	<b>SIP Detail</b>
6/19/2011	11493 - 11735		7,997.00	8,000.00	5 Min: 5831
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 5681
100.00	8,300.00	6,026.00	1.23		15 Min: 5385
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
403,133.00	11,122.00		2,000.00		

<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>			
3	MARCELLUS	Slickwater			
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psl</b>	<b>SIP Detail</b>
6/20/2011	11193 - 11435		7,584.00	8,153.00	5 Min: 5896
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 5788
101.00	8,486.00	6,063.00	1.24		15 Min: 5607
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
394,525.00	8,524.00		2,000.00		

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EQT WR-35	Completion	Attachment	Well	Treatment	Summary
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>			
4	MARCELLUS	Slickwater			
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>
6/20/2011	10893 - 11135		7,828.00	8,319.00	5 Min: 5213
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 5109
92.00	8,980.00	5,582.00	1.18		15 Min: 4993
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
373,580.00	16,298.00		2,000.00		
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>			
5	MARCELLUS	Slickwater			
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>
6/23/2011	10593 - 10835		6,493.00	7,243.00	5 Min: 5126
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 4895
98.00	8,101.00	5,777.00	1.2		15 Min: 4802
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
405,100.00	11,345.00		2,000.00		
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>			
6	MARCELLUS	Slickwater			
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>
6/23/2011	10293 - 10535		7,522.00	8,275.00	5 Min: 6093
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 5979
97.00	8,509.00	6,283.00	1.27		15 Min: 5849
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
395,455.00	10,923.00		2,000.00		

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EQT WR-35		Completion	Attachment	Well	Treatment	Summary
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>				
7	MARCELLUS	Slickwater				
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>	
6/23/2011	9993 - 10235		7,730.00	8,230.00	5 Min: 5516	
					10 Min: 5334	
					15 Min: 5127	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
97.00	8,650.00	5,644.00	1.22			
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
404,437.00	12,525.00		2,000.00			
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>				
8	MARCELLUS	Slickwater				
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>	
6/24/2011	9693 - 9935		7,033.00	8,130.00	5 Min: 5705	
					10 Min: 5464	
					15 Min: 5334	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
98.00	8,560.00	5,883.00	1.22			
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
404,208.00	12,198.00		2,000.00			
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>				
9	MARCELLUS	Slickwater				
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>	
6/24/2011	9393 - 9635		6,650.00	7,541.00	5 Min: 5792	
					10 Min: 5653	
					15 Min: 5553	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
91.00	8,002.00	6,170.00	1.25			
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
407,500.00	11,484.00		2,000.00			

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EQT WR-35		Completion	Attachment	Well	Treatment	Summary
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>				
10	MARCELLUS	Slickwater				
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>	
6/29/2011	9066 - 9148		7,405.00	7,995.00	5 Min: 5867	
					10 Min: 5734	
					15 Min: 5633	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
96.00	9,145.00	6,212.00	1.39			
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
404,879.00	10,294.00		2,000.00			
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>				
11	MARCELLUS	Slickwater				
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>	
6/30/2011	8766 - 9008		7,461.00	7,914.00	5 Min: 5634	
					10 Min: 5449	
					15 Min: 5359	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
97.00	8,840.00	6,043.00	1.24			
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
408,239.00	10,031.00		2,000.00			
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>				
12	MARCELLUS	Slickwater				
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>	
7/1/2011	8466 - 8708		6,992.00	6,992.00	5 Min: 5551	
					10 Min: 5482	
					15 Min: 5323	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
94.00	9,017.00	6,036.00	1.24			
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
404,392.00	10,300.00		2,000.00			

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EQT WR-35		Completion	Attachment	Well	Treatment	Summary
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>				
13	MARCELLUS	Slickwater				
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>	
7/1/2011	8166 - 8408		7,165.00	7,920.00	5 Min: 5176	
					10 Min: 4915	
					15 Min: 4804	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
97.00	8,535.00	6,056.00	1.24			
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
404,834.00	10,867.00		2,000.00			
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>				
14	MARCELLUS	Slickwater				
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>	
7/1/2011	7866 - 8108		7,454.00	8,150.00	5 Min: 4977	
					10 Min: 4847	
					15 Min: 4760	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
103.00	8,722.00	5,560.00	1.29			
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
402,738.00	10,362.00		2,000.00			
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>				
15	MARCELLUS	Slickwater				
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>	
7/2/2011	7716 - 7838		7,673.00	8,312.00	5 Min: 4727	
					10 Min: 4601	
					15 Min: 4503	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
81.00	9,436.00	5,284.00	1.25			
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
212,394.00	6,000.00		2,000.00			

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