

Original sent: 8/29/12

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: 9/11/2013 - Amended  
API #: 47-091-01185

Farm name: James M. Taylor, et al Operator Well No.: 511507

LOCATION: Elevation: 1,470' Quadrangle: Rosemont

District: Flemington County: Taylor, WV  
Latitude: 14.170' Feet South of 39 Deg. 20 Min. 00 Sec.  
Longitude 7.315' Feet West of 80 Deg. 10 Min. 00 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	96
Agent: Cecil Ray	13 3/8	897	897	937
Inspector: Bryan Harris	9 5/8	2,710	2,710	1,023
Date Permit Issued: 4/15/2010	5 1/2	13,325	13,325	1,458
Date Well Work Commenced: 7/21/2010				
Date Well Work Completed: 8/11/2011				
Verbal Plugging: N/A				
Date Permission granted on: N/A				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 7,763'				
Total Measured Depth (ft): 13,327'				
Fresh Water Depth (ft.): 589', 829'				
Salt Water Depth (ft.): No visible show.				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 605', 800', 910'				
Void(s) encountered (N/Y) Depth(s) No				

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

Producing formation Marcellus Pay zone depth (ft) 7,632'  
Gas: Initial open flow 2,448 MCF/d Oil: Initial open flow 0 Bbl/d  
Final open flow 7,872 MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 74.5 Hours  
Static rock Pressure 932 psig (surface pressure) after 88 Hours

Second producing formation No second 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

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

9/11/2013  
Date

RECEIVED  
Office of Oil and Gas  
SEP 13 2013  
WV Department of  
Environmental Protection  
11/08/2013

91-0485

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 Yes, Gyro and MWD Gamma Logs

**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): N/A

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
<u>Surface:</u>		

Clay / 0 / 40 / 40 -- Sandstone / 40 / 315 / 275 -- Red Rock / 315 / 320 / 5 -- Siltstone / 320 / 575 / 255

Red Rock / 575 / 600 / 25 -- Coal / 605 / 610 / 5 -- Siltstone / 610 / 800 / 190 --

Coal / 800 / 805 / 5 -- Siltstone / 805 / 910 / 105 -- Coal / 910 / 915 / 5 --

Siltstone / 915 / 983 / 68 -- Sand/Shale / 983 / 1,090 / 107 -- Big Lime / 1,090 / 1,290 / 200

Big Injun / 1,290 / 1,340 / 50 -- Weir Sand / 1,340 / 1,630 / 290 -- Gantz / 1,630 / 1,990 / 360 --

Fifty Foot / 1,990 / 2,110 / 120 -- Fourth Sand / 2,110 / 2,340 / 230 -- Fifth Sand / 2,340 / 2,726 / 386 --

Speechley / 3,149 / 3,431 / 282 -- Bradford / 3,431 / 3,600 / 168 --

Balltown B / 3,600 / 3,847 / 247 -- -Riley / 3,847 / 4,459 / 611 --

Benson / 4,459 / 6,814 / 2,355 -- Sonyea / 6,814 / 7,175 / 360 -- Middlesex / 7,175 / 7,291 / 116 --

Genesee / 7,291 / 7,400 / 108 -- Geneseo / 7,400 / 7,450 / 50 -- Tully / 7,450 / 7,504 / 54 --

Hamilton / 7,504 / 7,632 / 128 -- Marcellus / 7,632 / 7, 763' / 131

**RECEIVED**  
**Office of Oil and Gas**

**SEP 13 2013**

**WV Department of  
Environmental Protection**

**11/08/2013**

91-01185

511507 - Perforations

Zone/Stage	Date	Top Plug Depth (ftKB)	Bottom Plug Depth (ftKB)	Top Perf Depth (ftKB)	Bottom Perf Depth (ftKB)	Shots/ft	Number of Shots
1	7/5/2011 13:14	13,032.00	NA	13,061.00	13,303.00	4	40
2	8/1/2011 14:45	12,732.00	13,032.00	12,761.00	13,003.00	4	40
3	8/2/2011 14:08	12,432.00	12,732.00	12,461.00	12,703.00	4	40
4	8/2/2011 20:51	12,132.00	12,432.00	12,161.00	12,403.00	4	40
5	8/3/2011 14:30	11,832.00	12,132.00	11,861.00	12,103.00	4	40
6	8/3/2011 20:15	11,532.00	11,832.00	11,561.00	11,803.00	4	40
7	8/4/2011 11:00	11,232.00	11,532.00	11,261.00	11,503.00	4	40
8	8/4/2011 16:20	10,932.00	11,232.00	10,961.00	11,203.00	4	40
9	8/5/2011 9:55	10,632.00	10,932.00	10,661.00	10,903.00	4	40
10	8/5/2011 18:00	10,332.00	10,632.00	10,361.00	10,603.00	4	40
11	8/6/2011 9:55	10,032.00	10,332.00	10,061.00	10,303.00	4	40
12	8/6/2011 16:30	9,732.00	10,032.00	9,761.00	10,003.00	4	40
13	8/7/2011 11:43	9,432.00	9,732.00	9,461.00	9,703.00	4	40
14	8/7/2011 16:25	9,132.00	9,432.00	9,161.00	9,403.00	4	40
15	8/8/2011 14:32	8,832.00	9,132.00	8,861.00	9,103.00	4	40
16	8/9/2011 10:30	8,532.00	8,832.00	8,561.00	8,803.00	4	40
17	8/9/2011 15:30	8,232.00	8,532.00	8,261.00	8,503.00	4	40
18	8/10/2011 15:00	NA	8,232.00	7,961.00	8,203.00	4	40

RECEIVED  
Office of Oil and Gas  
SEP 13 2013  
WV Department of  
Environmental Protection

11/08/2013