

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: 3-18-2013  
API #: 47-1706033

Farm name: Eli M. Gaston, et ux Operator Well No.: 512492

LOCATION: Elevation: 1,155 Quadrangle: Oxford

District: Southwest County: Doddridge, WV  
Latitude: 39.177208 Feet South of \_\_\_\_\_ Deg. 39 Min. 12 Sec.  
Longitude: -80.811958 Feet West of West Deg. 80 Min. 47 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	45.31
Agent: Cecil Ray	13 3/8	944	944	876
Inspector: David Scranage	9 5/8	3,148	3,148	1,312.5
Date Permit Issued: 11-4-2011	5 1/2	10,073	10,073	1,524.5
Date Well Work Commenced: 4-29-2012				
Date Well Work Completed: 6-22-12				
Verbal Plugging: N/A				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 6,564				
Total Measured Depth (ft): 10,075				
Fresh Water Depth (ft.): 449				
Salt Water Depth (ft.): 1,142				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 1,294, 1,328, 1,422				
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) 6,525

Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow 7,763 MCF/d Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests \_\_\_\_\_ Hours

Static rock Pressure 1,150 psig (surface pressure) after \_\_\_\_\_ Hours

Second producing formation N/A 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

3-18-2013

Date

06/14/2013

17-06033

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 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):

N/A

Formations Encountered: \_\_\_\_\_ Top Depth \_\_\_\_\_ / \_\_\_\_\_ Bottom Depth

Surface:

Sand/Shale / 0 / 1294 / 1294 -- Coal / 1294 / 1300 / 6 / -- Sand/Shale / 1300 / 1328 / 28 --  
 Coal / 1328 / 1332 / 4 -- Sand/Shale / 1332 / 1422 / 90 -- Coal / 1422 / 1428 / 6 -- Sand/Shale / 1428 / 1686 / 258  
 Maxton / 1686 / 1861 / 101 -- Big Lime / 1861 / 1923 / 62 -- Big Injun / 1923 / 2086 / 163  
 Weir / 2086 / 2345 / 259 -- Gantz / 2345 / 2465 / 12- -- Fifty Foot / 2465 / 2553 / 88  
 Thirty Foot / 2553 / 2607 / 54 -- Gordon / 2607 / 2700 / 93 -- 4th / 2700 / 2872 / 172 --  
 5th / 2872 / 2918 / 46 -- Bayard / 2918 / 3213 / 295 -- Warren / 3213 / 3284 / 71 --  
 Speechley / 3284 / 3817 / 533 -- Balltown A / 3817 / 4162 / 345 -- Bradford / 4162 / 4731 / 569 --  
 Riley / 4731 / 4812 / 81 -- Benson / 4812 / 5059 / 247 -- Alexander / 5059 / 6183 / 1124 --  
 Sonyea / 6183 / 6335 / 152 -- Middlesex / 6335 / 6386 / 51 -- Genesee / 6386 / 6456 / 70 --  
 Genesee / 6456 / 6498 / 42 -- Tully / 6498 / 6516 / 18 -- Hamilton / 6516 / 6525 / 9 --  
 Marcellus Black Shale / 6525 / 6539 / 14 -- Purcell / 6539 / 6564 / 25 -- Cherry Valley / 6564

512492

17-06033

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
1	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/25/2012	9771 - 9951		6,260.00	7,255.00	5 Min: 2360
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 2177
87.10	8,687.00	3,066.00	0.92		15 Min: 2080
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
405,715.00	9,416.00		2,000.00		
Stage	Formation	Frac Type			
2	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/26/2012	9471 - 9713		6,494.00	7,908.00	5 Min: 2779
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 2661
92.40	9,074.00	5,071.00	1.23		15 Min: 2429
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
345,053.00	10,879.00		750.00		
Stage	Formation	Frac Type			
3	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/27/2012	9171 - 9413		6,813.00	8,006.00	5 Min: 2643
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 2466
84.90	8,894.00	3,557.00	1		15 Min: 2386
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
389,951.00	11,724.00		750.00		

06/14/2013

17-06083  
51-2492

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
4	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/27/2012	8871 - 9113		7,411.00	7,316.00	5 Min: 2583
					10 Min: 2478
					15 Min: 2408
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
88.70	8,732.00	3,191.00	0.94		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
403,643.00	9,419.00		750.00		
Stage	Formation	Frac Type			
5	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/27/2012	8571 - 8813		6,353.00	7,115.00	5 Min: 2602
					10 Min: 2473
					15 Min: 2396
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
98.60	8,428.00	2,983.00	0.9		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
408,015.00	9,419.00		750.00		
Stage	Formation	Frac Type			
6	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/27/2012	8271 - 8511		5,501.00	7,672.00	5 Min: 2599
					10 Min: 2412
					15 Min: 2309
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
96.00	8,478.00	3,093.00	0.92		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,211.00	9,574.00		750.00		

06/14/2013

17.06033  
51-2492

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
7	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/28/2012	7971 - 8213		5,987.00	6,722.00	5 Min: 3004
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 2725
96.90	7,870.00	4,129.00	1.08		15 Min: 2674
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
403,583.00	9,645.00		750.00		
Stage	Formation	Frac Type			
8	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/28/2012	7671 - 7913		5,717.00	6,850.00	5 Min: 3474
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3015
99.50	7,270.00	4,869.00	1.2		15 Min: 2795
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
404,814.00	9,378.00		750.00		
Stage	Formation	Frac Type			
9	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/28/2012	7371 - 7613		6,123.00	6,497.00	5 Min: 3219
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 2711
91.40	7,430.00	4,112.00	1.08		15 Min: 2546
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
404,006.00	9,349.00		750.00		

51-2492

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>
8/28/2012	7071 - 7313		6,862.00	7,309.00	5 Min: 2732
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 2600
90.90	9,150.00	3,418.00	0.97		15 Min: 2529
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
385,765.00	9,793.00		750.00		
<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>
8/29/2012	6771 - 7013		5,304.00	6,608.00	5 Min: 2757
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 2642
99.70	7,116.00	3,204.00	0.94		15 Min: 2570
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
404,016.00	9,417.00		750.00		