

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

DATE: 1/16/2013
API #: 47-091-01191

Farm name: Robert & Shirley Turoczy Operator Well No.: 511492

LOCATION: Elevation: 1,420 Quadrangle: Rosemont

District: Booths Creek County: Taylor, WV
Latitude: 6,250 Feet South of 39 Deg. 20 Min. 00 Sec.
Longitude 10,700 Feet West of 80 Deg. 07 Min. 30 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	53
Agent: Cecil Ray	13 3/8	937	937	1,075
Inspector: Bryan Harris	9 5/8	2,481	2,481	934
Date Permit Issued: 7/16/2010	5 1/2	11,902	11,902	1,028
Date Well Work Commenced: 9/29/2010				
Date Well Work Completed: 4/5/2012				
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): 7,698'				
Total Measured Depth (ft): 11,901'				
Fresh Water Depth (ft.): 139', 234'				
Salt Water Depth (ft.): 1,800'				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 352', 462', 527'				
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) 7,405
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 5,664 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 96 Hours
Static rock Pressure 1,160 psig (surface pressure) after 96 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.

Mike Boster
Signature

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Date

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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>/</u>	<u>Bottom Depth</u>
<u>Surface:</u>			

<u>Sand & Shale / 0 / 352 / 352 -- Coal / 352 / 353 / 1 -- Sand & Shale / 353 / 462 / 109</u>
<u>Coal / 462 / 464 / 2 -- Sand & Shale / 464 / 527 / 63 / -- Coal / 527 / 530 / 3 --</u>
<u>Sand & Shale / 530 / 1,334 / 804 -- Limestone / 1,334 / 1,423 / 89 -- Sand/Shale / 1,423 / 2,845 / 1,422</u>
<u>B-5 / 2,845 / 3,076 / 231 -- Speechley / 3,076 / 3,410 / 333 -- Bradford / 3,410 / 3,581 / 171</u>
<u>Balltown B / 3,581 / 3,790 / 208 -- Riley / 3,790 / 4,427 / 636 -- Benson / 4,427 / 6,644 / 2,216</u>
<u>Sonyea / 6,644 / 6,951 / 306 -- Middlesex / 6,951 / 7,065 / 114 -- Genesee / 7,065 / 7,169 / 104</u>
<u>Genesee / 7,169 / 7,214 / 44 -- Tully / 7,214 / 7,274 / 60 -- Hamilton / 7,274 / 7,405 / 131 -- Marcellus / 7,405 / 7,698 / 293</u>

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EQT WR-35		Completion	Attachment	Well	Treatment	Summary
Stage 1	Formation MARCELLUS	Frac Type Slickwater				
Date 4/1/2012	From / To 11639 - 11881	# of perfs	BD Press 6,402.00	ATP Psi 8,296.00	SIP Detail 5 Min: 4904 10 Min: 4645 15 Min: 4465	
Avg Rate 83.30	Max Press PSI 9,176.00	ISIP 5,496.00	Frac Gradient 1.15			
Sand Proppant 342,167.00	Water-bbl 9,952.00	SCF N2	Acid-Gal 2,000.00			
Stage 2	Formation MARCELLUS	Frac Type Slickwater				
Date 4/2/2012	From / To 11339 - 11581	# of perfs	BD Press 6,121.00	ATP Psi 8,440.00	SIP Detail 5 Min: 5026 10 Min: 4678 15 Min: 4459	
Avg Rate 91.00	Max Press PSI 8,952.00	ISIP 5,938.00	Frac Gradient 1.21			
Sand Proppant 410,573.00	Water-bbl 10,170.00	SCF N2	Acid-Gal 1,000.00			
Stage 3	Formation MARCELLUS	Frac Type Slickwater				
Date 4/2/2012	From / To 11039 - 11281	# of perfs	BD Press 5,773.00	ATP Psi 8,312.00	SIP Detail 5 Min: 5207 10 Min: 4993 15 Min: 4839	
Avg Rate 96.10	Max Press PSI 9,020.00	ISIP 6,043.00	Frac Gradient 1.22			
Sand Proppant 400,367.00	Water-bbl 10,079.00	SCF N2	Acid-Gal 1,000.00			

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Stage 4	Formation MARCELLUS	Frac Type Slickwater			
Date 4/2/2012	From / To 10739 - 10981	# of perfs	BD Press 5,896.00	ATP Psi 8,073.00	SIP Detail 5 Min: 5616 10 Min: 5437 15 Min: 5323
Avg Rate 96.60	Max Press PSI 8,943.00	ISIP 6,002.00	Frac Gradient 1.22		
Sand Proppant 399,230.00	Water-bbl 10,077.00	SCF N2	Acid-Gal 750.00		

Stage 5	Formation MARCELLUS	Frac Type Slickwater			
Date 4/3/2012	From / To 10439 - 10681	# of perfs	BD Press 6,279.00	ATP Psi 8,238.00	SIP Detail 5 Min: 5697 10 Min: 5328 15 Min: 5058
Avg Rate 95.70	Max Press PSI 8,823.00	ISIP 6,521.00	Frac Gradient 1.29		
Sand Proppant 380,678.00	Water-bbl 9,826.00	SCF N2	Acid-Gal 750.00		

Stage 6	Formation MARCELLUS	Frac Type Slickwater			
Date 4/3/2012	From / To 10139 - 10381	# of perfs	BD Press 6,621.00	ATP Psi 8,200.00	SIP Detail 5 Min: 5378 10 Min: 5082 15 Min: 4890
Avg Rate 100.50	Max Press PSI 8,651.00	ISIP 6,361.00	Frac Gradient 1.27		
Sand Proppant 412,583.00	Water-bbl 9,960.00	SCF N2	Acid-Gal 750.00		

Stage 7	Formation MARCELLUS	Frac Type Slickwater			
Date 4/3/2012	From / To 9839 - 10081	# of perfs	BD Press 6,636.00	ATP Psi 8,364.00	SIP Detail 5 Min: 5935 10 Min: 5734 15 Min: 5587
Avg Rate 100.00	Max Press PSI 8,855.00	ISIP 6,758.00	Frac Gradient 1.32		Received Office of Oil & Gas
Sand Proppant 407,812.00	Water-bbl 9,957.00	SCF N2	Acid-Gal 750.00		PR 19 2013

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Stage 8	Formation MARCELLUS	Frac Type Slickwater				
Date 4/3/2012	From / To 9539 - 9810	# of perfs	BD Press 6,494.00	ATP Psi 8,143.00	SIP Detail 5 Min: 5997 10 Min: 5715 15 Min: 5527	
Avg Rate 99.60	Max Press PSI 8,855.00	ISIP 6,340.00	Frac Gradient 1.27			
Sand Proppant 405,017.00	Water-bbl 9,867.00	SCF N2	Acid-Gal 750.00			
Stage 9	Formation MARCELLUS	Frac Type Slickwater				
Date 4/4/2012	From / To 9239 - 9481	# of perfs	BD Press 6,517.00	ATP Psi 8,258.00	SIP Detail 5 Min: 5152 10 Min: 4897 15 Min: 4750	
Avg Rate 100.10	Max Press PSI 8,706.00	ISIP 5,730.00	Frac Gradient 1.19			
Sand Proppant 407,766.00	Water-bbl 9,994.00	SCF N2	Acid-Gal 750.00			
Stage 10	Formation MARCELLUS	Frac Type Slickwater				
Date 4/4/2012	From / To 8939 - 9181	# of perfs	BD Press 6,228.00	ATP Psi 8,131.00	SIP Detail 5 Min: 5354 10 Min: 5091 15 Min: 4953	
Avg Rate 100.20	Max Press PSI 8,519.00	ISIP 5,869.00	Frac Gradient 1.21			
Sand Proppant 398,222.00	Water-bbl 9,847.00	SCF N2	Acid-Gal 750.00			
Stage 11	Formation MARCELLUS	Frac Type Slickwater				
Date 4/4/2012	From / To 8639 - 8881	# of perfs	BD Press 6,332.00	ATP Psi 7,337.00	SIP Detail 5 Min: 5703 10 Min: 5479 15 Min: 5325	
Avg Rate 96.30	Max Press PSI 7,839.00	ISIP 6,124.00	Frac Gradient 1.24			
Sand Proppant 402,968.00	Water-bbl 9,761.00	SCF N2	Acid-Gal 750.00			Received Office of Oil & Gas

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Stage	Formation	Frac Type		SIP Detail	
12	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/5/2012	8339 - 8581		6,439.00	7,909.00	5 Min: 5696 10 Min: 5391 15 Min: 5213
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.30	8,944.00	6,332.00	1.27		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,660.00	9,835.00		750.00		
Stage	Formation	Frac Type		SIP Detail	
13	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/5/2012	8039 - 8281		6,268.00	7,786.00	5 Min: 5803 10 Min: 5604 15 Min: 5424
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
98.10	8,888.00	6,070.00	1.24		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
413,003.00	10,134.00		750.00		

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