

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

DATE: 3/12/2013
API #: 47-091-01194

Farm name: Robert & Shirley Turoczy Operator Well No.: 512693

LOCATION: Elevation: 1,420 Quadrangle: Rosemont

District: Booths Creek County: Taylor, WV
Latitude: 6,210 Feet South of 39 Deg. 20 Min. 00 Sec.
Longitude 10,690 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	38
Agent: Cecil Ray	13 3/8	921	921	1,006
Inspector: Bryan Harris	9 5/8	2,502	2,502	1,013
Date Permit Issued: 7/16/2010	5 1/2	12,098	12,098	1,640
Date Well Work Commenced: 9/2/2010				
Date Well Work Completed: 4/16/2012				
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): 7,940'	(Plugged back	6,785' to 6,080')		
Total Measured Depth (ft): 12,106'				
Fresh Water Depth (ft.): 127', 244'				
Salt Water Depth (ft.): 1,800'				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 340', 450', 516'				
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 5,900 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests 96 Hours
Static rock Pressure 1,232 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

Received
Office of Oil & Gas
APR 10 2013

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

3/12/2013
Date

11/08/2013

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, MWD-Gamma, and Open Hole 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): 1) Pumped solid cement plug from 6,785 to 6,080'.
2) Pumped solid cement plug from 6,815' to 6,213'

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth
Surface:

Sand & Shale / 0 / 340 / 340 -- Coal / 340 / 342 / 2 -- Sand & Shale / 342 / 450 / 108 /
Coal / 450 / 455 / 5 -- Sand & Shale / 455 / 516 / 61 / -- Coal / 516 / 519 / 3
Sand & Shale / 519 / 1,334 / 815 -- Limestone / 1,334 / 1,423 / 89 -- Sand/Shale/ 1,423 / 2,845 / 1,422
B-5 / 2,845 / 3,076 / 231 -- Speechley / 3,076 / 3,410 / 333 --- Bradford / 3,410 / 3,581 / 171
Balltown B / 3,581 / 3,790 / 208 -- Riley / 3,790 / 4,427 / 636 -- -Benson / 4,427 / 6,644 / 2,216
Sonyea / 6,644 / 6,951 / 306 -- Middlesex / 6,951 / 7,065 / 114 -- Genesee / 7,065 / 7,169 / 104
Genesee / 7,169 / 7,214 / 44 -- Tully / 7,214 / 7,274 / 60 -- Hamilton / 7,274 / 7,405 / 131 --
Marcellus / 7,405 / 7,535 / 130 -- Onondaga / 7,535 / 7,548 / 13 -- Huntersville / 7,548 / 7,753 / 205
Oriskany / 7,753 / 7,848 / 95 -- Helderberg / 7,848 / 7,940 / 92

Received
Office of Oil & Gas

APR 19 2013

11/08/2013

EQT WR- 35	Completion	Attachment	Well 512693	Treatment	Summary
---------------	------------	------------	-------------	-----------	---------

Stage 1	Formation MARCELLUS	Frac Type Slickwater			
Date 4/13/2012	From / To 11449 - 11691	# of perfs	BD Press 7,773.00	ATP Psi 8,327.00	SIP Detail 5 Min: 4491 10 Min: 4346 15 Min: 4260
Avg Rate 92.70	Max Press PSI 9,019.00	ISIP 5,263.00	Frac Gradient 1.12		
Sand Proppant 501,291.00	Water-bbl 12,681.00	SCF N2	Acid-Gal 2,000.00		

Stage 2	Formation MARCELLUS	Frac Type Slickwater			
Date 4/14/2012	From / To 11601 - 11749	# of perfs	BD Press 7,224.00	ATP Psi 8,374.00	SIP Detail 5 Min: 4766 10 Min: 4732 15 Min: 4685
Avg Rate 95.60	Max Press PSI 8,964.00	ISIP 5,800.00	Frac Gradient 1.19		
Sand Proppant 358,288.00	Water-bbl 11,537.00	SCF N2	Acid-Gal 750.00		

Stage 3	Formation MARCELLUS	Frac Type Slickwater			
Date 4/14/2012	From / To 11149 - 11391	# of perfs	BD Press 6,254.00	ATP Psi 8,069.00	SIP Detail 5 Min: 5238 10 Min: 4909 15 Min: 4794
Avg Rate 98.40	Max Press PSI 8,905.00	ISIP 6,155.00	Frac Gradient 1.24		
Sand Proppant 475,536.00	Water-bbl 12,049.00	SCF N2	Acid-Gal 750.00		

Received
Office of Oil & Gas

APR 19 2013

11/08/2013

Stage 4	Formation MARCELLUS	Frac Type Slickwater			
Date 4/14/2012	From / To 10549 - 10791	# of perfs	BD Press 5,903.00	ATP Psi 7,952.00	SIP Detail 5 Min: 5441 10 Min: 5027 15 Min: 4815
Avg Rate 99.90	Max Press PSI 8,350.00	ISIP 5,952.00	Frac Gradient 1.21		
Sand Proppant 493,306.00	Water-bbl 12,433.00	SCF N2	Acid-Gal 750.00		
Stage 5	Formation MARCELLUS	Frac Type Slickwater			
Date 4/14/2012	From / To 10549 - 10791	# of perfs	BD Press 6,672.00	ATP Psi 8,103.00	SIP Detail 5 Min: 5648 10 Min: 5351 15 Min: 5129
Avg Rate 99.80	Max Press PSI 8,678.00	ISIP 6,148.00	Frac Gradient 1.24		
Sand Proppant 501,437.00	Water-bbl 12,660.00	SCF N2	Acid-Gal 750.00		
Stage 6	Formation MARCELLUS	Frac Type Slickwater			
Date 4/15/2012	From / To 10249 - 10491	# of perfs	BD Press 7,005.00	ATP Psi 8,165.00	SIP Detail 5 Min: 5333 10 Min: 5066 15 Min: 4894
Avg Rate 95.20	Max Press PSI 8,767.00	ISIP 5,602.00	Frac Gradient 1.17		
Sand Proppant 365,990.00	Water-bbl 12,569.00	SCF N2	Acid-Gal 750.00		

Received
Office of Oil & Gas

APR 19 2013

11/08/2013

Stage 7	Formation MARCELLUS	Frac Type Slickwater			
Date 4/15/2012	From / To 9949 - 10189	# of perfs	BD Press 6,027.00	ATP Psi 7,861.00	SIP Detail 5 Min: 5359 10 Min: 5128 15 Min: 4964
Avg Rate 97.10	Max Press PSI 8,750.00	ISIP 5,820.00	Frac Gradient 1.2		
Sand Proppant 503,218.00	Water-bbl 10,850.00	SCF N2	Acid-Gal 750.00		
Stage 8	Formation MARCELLUS	Frac Type Slickwater			
Date 4/15/2012	From / To 9 - 9891	# of perfs	BD Press 6,496.00	ATP Psi 8,188.00	SIP Detail 5 Min: 5694 10 Min: 5451 15 Min: 5286
Avg Rate 95.20	Max Press PSI 8,872.00	ISIP 6,107.00	Frac Gradient 1.22		
Sand Proppant 506,588.00	Water-bbl 12,092.00	SCF N2	Acid-Gal 750.00		
Stage 10	Formation MARCELLUS	Frac Type Slickwater			
Date 4/16/2012	From / To 8449 - 8691	# of perfs	BD Press 7,351.00	ATP Psi 8,192.00	SIP Detail 5 Min: 5974 10 Min: 5523 15 Min: 5290
Avg Rate 93.60	Max Press PSI 8,765.00	ISIP 6,500.00	Frac Gradient 1.29		
Sand Proppant 494,223.00	Water-bbl 11,907.00	SCF N2	Acid-Gal 750.00		

Received
Office of Oil & Gas

APR 19 2013

11/08/2013

Stage 11	Formation MARCELLUS	Frac Type Slickwater			
Date 4/16/2012	From / To 8749 - 8991	# of perfs	BD Press 7,459.00	ATP Psi 8,008.00	SIP Detail 5 Min: 5648 10 Min: 5278 15 Min: 5099
Avg Rate 90.90	Max Press PSI 8,726.00	ISIP 5,861.00	Frac Gradient 1.21		
Sand Proppant 502,124.00	Water-bbl 12,526.00	SCF N2	Acid-Gal 750.00		

Stage 12	Formation MARCELLUS	Frac Type Slickwater			
Date 4/16/2012	From / To 8449 - 8691	# of perfs	BD Press 6,636.00	ATP Psi 8,001.00	SIP Detail 5 Min: 5595 10 Min: 5294 15 Min: 5133
Avg Rate 98.20	Max Press PSI 8,483.00	ISIP 6,167.00	Frac Gradient 1.25		
Sand Proppant 507,999.00	Water-bbl 12,549.00	SCF N2	Acid-Gal 750.00		

Stage 13	Formation MARCELLUS	Frac Type Slickwater			
Date 4/17/2012	From / To 8284 - 8408	# of perfs	BD Press 6,673.00	ATP Psi 8,126.00	SIP Detail 5 Min: 5421 10 Min: 5183 15 Min: 5062
Avg Rate 93.20	Max Press PSI 8,889.00	ISIP 6,187.00	Frac Gradient 1.25		
Sand Proppant 237,790.00	Water-bbl 6,237.00	SCF N2	Acid-Gal 750.00		

Stage 9	Formation MARCELLUS	Frac Type Slickwater			
Date 4/17/2012	From / To 9349 - 9591	# of perfs	BD Press 7,138.00	ATP Psi 8,282.00	SIP Detail 5 Min: 5531 10 Min: 5320 15 Min: 5180
Avg Rate 92.20	Max Press PSI 9,034.00	ISIP 6,077.00	Frac Gradient 1.24		
Sand Proppant 503,068.00	Water-bbl 12,365.00	SCF N2	Acid-Gal 750.00		Received Office of Oil & Gas

APR 19 2013

11/08/2013