

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 #: 47-10302677

Farm name: John W. & Florence E. Kilcoyne Operator Well No.: 513755

LOCATION: Elevation: 857 Quadrangle: Big Run

District: Grant County: Wetzel, WV
Latitude: 39.56053 Feet South of _____ Deg. 39 Min. 35 Sec.
Longitude -80.56012 Feet West of West Deg. 80 Min. 32 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	42	42	74.34
Agent: Cecil Ray	16	301	301	389.4
Inspector: David Scrange	13 3/8	815.09	815.09	309.6
Date Permit Issued: 7-14-2011	9 5/8	3,058.54	5,058.54	1,415.2
Date Well Work Commenced: 2-14-2012	5 1/2	10,933	10,933	1,475.4
Date Well Work Completed: 6-27-2012				
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): 7,038				
Total Measured Depth (ft): 10,985				
Fresh Water Depth (ft.): 222				
Salt Water Depth (ft.): 1,440				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 411, 594, 612				
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) 7,012
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 8,517 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 1,536 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.

M. H. Butcher
Signature

3-18-2013
Date

06/14/2013

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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 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 / 411 / 411 -- Coal / 411 / 417 / 6 -- Sand/Shale / 417 / 594 / 177 -- Coal / 594 / 601 / 7 --
Sand/Shale / 601 / 612 / 11 -- Coal / 612 / 618 / 6 -- Sand/Shale / 618 / 1638 / 1020 -- Maxton / 1638 / 1693 / 55 --
Big Lime / 1693 / 1864 / 171 -- Big Injun -- / 1864 / 2142 / 278 -- Weir / 2142 / 2194 / 52 --
Top Devonian / 2194 / 2353 / 159 -- Gantz / 2353 / 2399 / 46 -- Fifty Foot / 2399 / 2501 / 102 -- Thirty Foot / 2501 / 2590 / 89 --
Gordon / 2590 / 2667 / 77 -- Forth Sand / 2667 / 2791 / 124 -- Bayard / 2791 / 3310 / 519 / --
Warren / 3310 / 3358 / 48 -- B5 / 3358 / 3463 / 105 -- Speechley / 3463 / 3874 / 411 --
Balltown / 3874 / 4340 / 466 -- Riley / 4340 / 4986 / 646 -- Benson / 4986 / 5326 / 340 --
Alexander / 5326 / 6554 / 1228 -- Sonyea / 6554 / 6724 / 170 -- Middlesex / 6724 / 6776 / 52 --
Genesee / 6776 / 6860 / 84 -- Geneseo / 6860 / 6893 / 33 -- Tully / 6893 / 6923 / 30 --
Hamilton / 6923 / 7012 / 89 -- Marcellus / 7012 / 7022 / 10 -- Purcell / 7022 / 7038 / 16 --
Cherry Valley / 7038

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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
4/21/2012	10672 - 10914		9,628.00	8,064.00	5 Min: 3889
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3761
89.70	8,589.00	4,434.00	1.07		15 Min: 3698
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
405,436.00	10,474.00		2,000.00		
Stage	Formation	Frac Type			
2	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/21/2012	10373 - 10643		7,656.00	8,101.00	5 Min: 3814
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3688
91.70	8,788.00	4,227.00	1.04		15 Min: 3608
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
405,791.00	9,393.00		750.00		
Stage	Formation	Frac Type			
3	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/22/2012	10072 - 10314		7,821.00	8,187.00	5 Min: 3938
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3823
95.70	8,979.00	4,281.00	1.05		15 Min: 3750
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
401,330.00	9,493.00		750.00		

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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
4/22/2012	9772 - 10114		7,495.00	8,127.00	5 Min: 3829
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3704
96.60	8,624.00	4,231.00	1.05		15 Min: 3631
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
401,718.00	9,430.00		750.00		
Stage	Formation	Frac Type			
5	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/22/2012	9472 - 9714		7,979.00	7,989.00	5 Min: 3849
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3754
94.50	8,603.00	4,310.00	1.06		15 Min: 3700
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,646.00	9,239.00		750.00		
Stage	Formation	Frac Type			
6	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/23/2012	9172 - 9414		8,060.00	7,961.00	5 Min: 3899
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3804
94.80	8,521.00	4,267.00	1.05		15 Min: 3746
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
406,424.00	9,313.00		750.00		

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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
4/23/2012	8872 - 9114		7,580.00	7,731.00	5 Min: 3900
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3791
98.90	8,378.00	4,248.00	1.05		15 Min: 3725
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
404,039.00	9,118.00		750.00		
Stage	Formation	Frac Type			
8	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/23/2012	8572 - 8814		7,260.00	7,742.00	5 Min: 3944
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3838
99.20	8,536.00	4,301.00	1.06		15 Min: 3783
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
398,967.00	9,350.00		750.00		
Stage	Formation	Frac Type			
9	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/26/2012	8272 - 8314		7,684.00	7,713.00	5 Min: 3919
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3841
97.80	8,453.00	4,261.00	1.05		15 Min: 3792
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
401,349.00	8,913.00		750.00		

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EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
10	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/27/2012	7972 - 8214		7,365.00	7,201.00	5 Min: 3901
					10 Min: 3897
					15 Min: 3796
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
99.90	9,282.00	4,294.00	1.06		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,921.00	8,798.00		750.00		
Stage	Formation	Frac Type			
11	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/27/2012	7672 - 7914		7,389.00	7,401.00	5 Min: 3898
					10 Min: 3818
					15 Min: 3775
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
99.90	8,461.00	4,351.00	1.06		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
405,788.00	9,231.00		750.00		
Stage	Formation	Frac Type			
12	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/27/2012	7372 - 7612		7,418.00	6,966.00	5 Min: 3961
					10 Min: 3888
					15 Min: 3844
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.10	8,535.00	4,181.00	1.04		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,576.00	9,178.00		750.00		

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EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
13	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/27/2012	7207 - 7329		7,468.00	7,357.00	5 Min: 3976
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3905
99.20	8,496.00	4,757.00	1.07		15 Min: 3862
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
199,453.00	4,415.00		750.00		