

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: 2012-03-14
API #: 91-01234

Farm name: Charles H. Cather et al Operator Well No.: 513057

LOCATION: Elevation: 1183 Quadrangle: Rosemont

District: Unknown County: Taylor, WV
Latitude: 39.282000 Feet South of _____ Deg. _____ Min. _____ Sec.
Longitude -80.149816 Feet West of West Deg. _____ Min. _____ 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	80.24
Agent: Cecil Ray	13 3/8	1,070.92	1,070.92	993.1
Inspector: Brian Harris	9 5/8	2,842.5	2,842.5	1,097.4
Date Permit Issued: 2011-02-24	5 1/2	5 1/2	11,349.93	329.4
Date Well Work Commenced: 2011-09-11	5 1/2	11,349.93	11,349.93	139.15
Date Well Work Completed: 2012-02-21	5 1/2	11,349.93	11,349.93	1,322.9
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 7689.83				
Total Measured Depth (ft): 11,351				
Fresh Water Depth (ft.): Not Reported				
Salt Water Depth (ft.): Not Reported				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 330, 524, 605				
Void(s) encountered (N/Y) Depth(s)				

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

Producing formation Marcellus Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 2,978 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 2,921 psig (surface pressure) after _____ Hours

Second producing 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.

M.H. Birt
Signature

2012-03-14
Date

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Were core samples taken? Yes No

Were cuttings caught during drilling? Yes No

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list yes, please see cd attached to report.

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): Plug Depth 8192.0 Type Varicem 121 Sks

Plug Back depth 6479.0 Type Plugcem 270 Sks

Formations Encountered: Top Depth / Bottom Depth
Surface:

Big Lime / 1,320.48 / 1,424.65 / 104.17 -- Big Injun / 1,424.65 / 1,577.04 / 152.39 --
Weir Sand / 1,577.04 / 1,810 / 232.96 -- -Gantz / 1,810 / 1,879.22 / 69.22 --
-Fifty Foot / 1,879.22 / 1,949.82 / 70.6 -- -Thirty Foot / 1,949.82 / 2,008.36 / 58.54 --
-Gordon / 2,008.36 / 2,128.03 / 119.67 -- -Fourth Sand / 2,128.03 / 2,343.85 / 215.82 --
-Fifth Sand / 2,343.85 / 2,371.67 / 27.82 -- -Bayard / 2,371.67 / 2,783.3 / 411.63 --
-B-5 / 2,783.3 / 3,001.61 / 218.31 -- -Speechley / 3,001.61 / 3,332.79 / 331.18 --
-Bradford / 3,332.79 / 3,522.57 / 189.78 -- -Balltown B / 3,522.57 / 3,717.32 / 194.75 --
-Riley / 3,717.32 / 4,346.2 / 628.88 -- -Benson / 4,346.2 / 4,704.67 / 358.47 --
Elk / 4,704.67 / 6,572.83 / 1,868.16 -- Sonyea / 6,572.83 / 6,901.42 / 328.59 --
Middlesex / 6,901.42 / 7,036.62 / 135.2 -- Genesee / 7,036.62 / 7,296.36 / 259.74 --
Geneseo / 7,296.36 / 7,316.42 / 20.06 -- Tully / 7,316.42 / 7,369.64 / 53.22 --
Hamilton / 7,369.64 / 7,502.25 / 132.61 -- Marcellus / 7,502.25 --
Purcell / 7,566.8 -- Cherry Valley / 7,599.08 --

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
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Stage	Formation	Frac Type				
1	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
11/7/2011	11088 - 11330		6,395.00	8,444.00	5 Min: 3703	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
86.60	9,070.00	5,112.00	1.1	10 Min: 3486		
				15 Min: 3359		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
356,570.00	11,128.00		2,000.00			

Stage	Formation	Frac Type				
2	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
11/7/2011	10788 - 11030		6,562.00	7,704.00	5 Min: 4949	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
100.10	8,277.00	5,634.00	1.17	10 Min: 4700		
				15 Min: 4515		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
396,452.00	10,050.00		2,000.00			

Stage	Formation	Frac Type				
3	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
11/8/2011	10488 - 10730		6,802.00	7,413.00	5 Min: 5164	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
95.30	8,926.00	5,497.00	1.15	10 Min: 4914		
				15 Min: 4724		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
405,046.00	10,232.00		2,000.00			

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Stage	Formation	Frac Type			
4	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/8/2011	10188 - 10430		7,118.00	7,653.00	5 Min: 5219
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4964
99.40	8,268.00	5,733.00	1.18		15 Min: 4802
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
404,055.00	9,912.00		2,000.00		
Stage	Formation	Frac Type			
5	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/8/2011	9880 - 10128		6,764.00	7,755.00	5 Min: 5320
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5068
97.20	8,536.00	5,886.00	1.2		15 Min: 4906
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
397,877.00	11,184.00		2,000.00		
Stage	Formation	Frac Type			
6	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/9/2011	9588 - 9830		6,564.00	7,439.00	5 Min: 5194
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5021
99.40	8,335.00	5,606.00	1.17		15 Min: 4886
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
404,098.00	10,036.00		2,000.00		

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Stage	Formation	Frac Type			
7	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/9/2011	9288 - 9530		7,021.00	7,452.00	5 Min: 4242
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4060
100.10	8,393.00	4,643.00	1.04		15 Min: 4024
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
378,112.00	9,748.00		2,000.00		

Stage	Formation	Frac Type			
8	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/9/2011	8988 - 9238		6,767.00	7,480.00	5 Min: 4790
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4499
99.90	7,732.00	5,626.00	1.17		15 Min: 4338
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
405,455.00	9,959.00		2,000.00		

Stage	Formation	Frac Type			
9	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/9/2011	#Error		6,452.00	7,434.00	5 Min: 5157
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4879
100.10	8,228.00	5,453.00	1.15		15 Min: 4702
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
409,067.00	9,997.00		2,000.00		

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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
11/10/2011	8388 - 8630		6,573.00	7,112.00	5 Min: 4934
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4564
99.80	8,984.00	5,588.00	1.17		15 Min: 4315
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
404,575.00	10,889.00		2,000.00		
Stage	Formation	Frac Type			
11	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/10/2011	8088 - 8330		7,369.00	7,801.00	5 Min: 4729
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4452
98.30	8,739.00	5,540.00	1.16		15 Min: 4281
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
404,888.00	9,579.00		2,000.00		

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