

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 #: 91-01215

Farm name: Charles H. Cather et al Operator Well No.: 513053

LOCATION: Elevation: 1183 Quadrangle: Rosemont

District: Unknown County: Taylor, WV
Latitude: 39.29191 Feet South of Deg. 39 Min. 20 Sec.
Longitude -80.15300 Feet West of West Deg. 80 Min. 7 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	100
Agent: Cecil Ray	13 3/8	717	717	636
Inspector: Brian Harris	9 5/8	2,658	2,658	1,047.2
Date Permit Issued: 2011-02-24	5 1/2	10,510	10,510	419.1
Date Well Work Commenced: 2011-04-30				
Date Well Work Completed: 2012-03-03				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 7689.55				
Total Measured Depth (ft): 10,520				
Fresh Water Depth (ft.): 330				
Salt Water Depth (ft.): Not Reported				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 330, 522, 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 2,301 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 2,720 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

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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.

mi. But
Signature

2012-03-14
Date

10/26/2012

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, cd sent with 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

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Plug Back Details Including Plug Type and Depth(s): N/A

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 / 7,157 / 255.58 -- Genesee / 7,157 / 7,296.36 / 139.36 --
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 --

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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 Psl	SIP Detail
1/7/2012	9922 - 10164		7,193.00	8,066.00	5 Min: 4320
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4029
97.30	8,658.00	5,577.00	1.16		15 Min: 3874
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
403,193.00	9,805.00		2,000.00		
Stage	Formation	Frac Type			
2	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psl	SIP Detail
1/7/2012	9922 - 10164		6,075.00	8,065.00	5 Min: 4670
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4467
98.00	8,471.00	5,259.00	1.12		15 Min: 4281
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,492.00	9,770.00		1,000.00		
Stage	Formation	Frac Type			
3	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psl	SIP Detail
1/7/2012	9622 - 9864		6,850.00	8,013.00	5 Min: 4879
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4598
98.80	8,368.00	5,433.00	1.14		15 Min: 4429
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,127.00	9,490.00		1,000.00		

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EQT WR-35 Completion Attachment Well Treatment Summary

Stage	Formation	Frac Type		Summary		
4	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
1/7/2012	9322 - 9564		6,337.00	7,801.00	5 Min: 4826	
					10 Min: 4480	
					15 Min: 4333	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
98.50	8,391.00	5,641.00	1.17			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
401,850.00	10,069.00		1,000.00			

Stage	Formation	Frac Type		Summary		
5	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
1/7/2012	9022 - 9264		6,797.00	7,536.00	5 Min: 4760	
					10 Min: 4526	
					15 Min: 4369	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
100.50	8,116.00	5,401.00	1.14			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
399,565.00	9,827.00		1,000.00			

Stage	Formation	Frac Type		Summary		
6	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
1/8/2012	8722 - 8964		6,059.00	7,410.00	5 Min: 4999	
					10 Min: 4748	
					15 Min: 4611	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
99.95	8,110.00	5,500.00	1.15			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
398,658.00	9,692.00		1,000.00			

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Stage	Formation	Frac Type			
7	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/8/2012	8422 - 8664		6,385.00	7,225.00	5 Min: 5019
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4775
100.40	7,909.00	5,202.00	1.11		15 Min: 4620
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
399,560.00	9,087.00		1,000.00		
Stage	Formation	Frac Type			
8	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/8/2012	8122 - 8362		6,270.00	100.70	5 Min: 4847
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4581
100.70	7,993.00	5,643.00	1.17		15 Min: 4426
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
397,008.00	9,547.00		1,000.00		
Stage	Formation	Frac Type			
9	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/8/2012	7822 - 8064		6,951.00	7,435.00	5 Min: 4542
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4355
99.60	8,598.00	5,667.00	1.18		15 Min: 4289
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
399,158.00	9,805.00		1,000.00		

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10	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/9/2012	7657 - 7773		7,676.00	7,590.00	5 Min: 4446
					10 Min: 4314
					15 Min: 4244
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
97.30	8,628.00	5,036.00	1.1		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
200,015.00	4,973.00		1,000.00		

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