

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: 4-16-2013
API #: 47-10302728 Amended



Farm name: Mills-Wetzel Operator Well No.: 513505

LOCATION: Elevation: 1,472 Quadrangle: Big Run

District: Grant County: Wetzel, WV
Latitude: 11.270 Feet South of 39 Deg. 35 Min. 00 Sec.
Longitude 6.335 Feet West of 80 Deg. 35 Min. 00 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	26	38	38	54
Agent: Cecil Ray	13 3/8	840	840	930
Inspector: Derek Haight	9 5/8	3,507.6	3,507.6	1,451
Date Permit Issued: 3-12-2012	5 1/2	14,991	14,991	2,722
Date Well Work Commenced: 5-18-2012				
Date Well Work Completed: 1-4-2013				
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): 7,626				
Total Measured Depth (ft): 15,009				
Fresh Water Depth (ft.): 678, 683, 750				
Salt Water Depth (ft.): 1,400				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 411, 1,210, 1,228				
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) 7,539

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow 11,808 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 2,630 psig (surface pressure) after 57 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

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

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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 CBL, Gamma Ray, Gyro & 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): Pumped solid cement plug from 7707' to 7650' for sidetrack.

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

Sand & Shale / 0 / 411 / 411 -- Coal / 411 / 417 / 6 -- Sand & Shale / 417 / 1210 / 793 --

Coal / 1210 / 1217 / 7 -- Sand & Shale / 1217 / 1228 / 11 -- Coal / 1228 / 1234 / 6 --

Sand & Shale / 1234 / 2263 / 1029 -- Maxton / 2263 / 2419 / 156 -- Big Lime / 2419 / 2548 / 129 --

Big Injun / 2548 / 2825 / 277 -- Weir / 2825 / 2992 / 167 -- Gantz / 2992 / 3027 / 35 --

50F / 3027 / 3122 / 95 -- 30F / 3122 / 3188 / 66 -- Gordon / 3188 / 3268 / 80 --

4th / 3268 / 3880 / 612 -- Warren / 3880 / 4077 / 197 -- Speechley / 4077 / 4448 / 371 --

Balltown A / 4448 / 4905 / 457 -- Riley / 4905 / 5549 / 644 - Benson / 5549 / 5923 / 374 --

Alexander / 5923 / 7320 / 1397 -- Genessee / 7320 / 7395 / 75 -- Geneseo / 7395 / 7428 / 33 --

Tully / 7428 / 7444 / 16 -- Hamilton / 7444 / 7539 / 95 -- Marcellus / 7539 / 7589 / 50 --

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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	
12/10/2012	14706 - 14888		6,696.00	8,262.00	5 Min: 3301	
					10 Min: 3121	
					15 Min: 3055	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
84.40	8,667.00	4,146.00	0.97			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
398,434.00	11,313.00		1,500.00			
Stage	Formation	Frac Type				
2	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
12/10/2012	14406 - 14648		6,422.00	8,480.00	5 Min: 3759	
					10 Min: 3438	
					15 Min: 3282	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
82.90	9,071.00	4,423.00	1.01			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
286,933.00	9,565.00		750.00			
Stage	Formation	Frac Type				
3	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
12/10/2012	14106 - 14348		6,285.00	8,376.00	5 Min:	
					10 Min:	
					15 Min:	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
96.70	8,686.00	4,587.00	1.04			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
399,307.00	10,464.00		750.00			

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Stage	Formation	Frac Type			
4	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
12/11/2012	13806 - 14048		6,652.00	8,356.00	5 Min: 4694
					10 Min: 4190
					15 Min: 3878
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
97.30	8,756.00	5,490.00	1.15		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
398,227.00	10,353.00		750.00		
Stage	Formation	Frac Type			
5	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
12/11/2012	13506 - 13748		6,123.00	8,303.00	5 Min: 4131
					10 Min: 3760
					15 Min: 3729
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
97.60	8,612.00	4,980.00	1.09		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,224.00	10,374.00		750.00		
Stage	Formation	Frac Type			
6	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
12/11/2012	13206 - 13448		5,972.00	8,262.00	5 Min: 4265
					10 Min: 4100
					15 Min: 3609
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
99.60	8,604.00	5,181.00	1.11		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
404,005.00	10,354.00		750.00		

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Stage	Formation	Frac Type			
7	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
12/11/2012	12906 - 13148		6,301.00	8,097.00	5 Min: 4385
					10 Min: 4070
					15 Min: 3876
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
98.00	8,536.00	5,228.00	1.54		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,646.00	10,556.00		750.00		
Stage	Formation	Frac Type			
8	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
12/21/2012	12606 - 12848		6,234.00	8,102.00	5 Min: 3913
					10 Min: 3560
					15 Min: 3383
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
98.40	9,631.00	4,790.00	1.06		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
399,301.00	10,255.00		500.00		
Stage	Formation	Frac Type			
9	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
12/28/2012	12306 - 12548		6,069.00	8,147.00	5 Min: 4622
					10 Min: 4215
					15 Min: 3983
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
94.72	8,521.00	5,363.00	1.14		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
401,300.00	10,327.00		750.00		

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Stage	Formation	Frac Type				
10	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
12/29/2012	12006 - 12248		5,742.00	7,941.00	5 Min: 4973	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4574	
93.10	8,293.00	5,661.00	1.18		15 Min: 4320	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
400,095.00	10,410.00		750.00			
Stage	Formation	Frac Type				
11	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
12/29/2012	11706 - 11948		5,646.00	7,756.00	5 Min: 3966	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3729	
89.40	8,501.00	4,813.00	1.07		15 Min: 3588	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
399,289.00	10,049.00		750.00			
Stage	Formation	Frac Type				
12	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
12/30/2012	11406 - 11648		6,259.00	7,729.00	5 Min: 4261	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3920	
98.20	8,287.00	5,054.00	1.1		15 Min: 3727	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
395,904.00	9,566.00		750.00			

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Stage	Formation	Frac Type				
13	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
12/31/2012	11106 - 11348		6,602.00	7,755.00	5 Min: 4228	
					10 Min: 3863	
					15 Min: 3641	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
100.80	8,497.00	5,148.00	1.11			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
380,541.00	9,274.00		750.00			
Stage	Formation	Frac Type				
14	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
1/2/2013	10806 - 11048		6,894.00	8,175.00	5 Min: 4169	
					10 Min: 3746	
					15 Min: 3613	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
97.60	8,717.00	4,940.00	1.08			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
398,571.00	9,933.00		500.00			
Stage	Formation	Frac Type				
15	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
1/2/2013	10641 - 10763		6,025.00	7,941.00	5 Min: 4052	
					10 Min: 3703	
					15 Min: 3538	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
99.37	8,228.00	4,824.00	1.07			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
201,030.00	5,474.00		500.00			

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Stage	Formation	Frac Type				
16	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
1/2/2013	10491 - 10613		6,203.00	8,188.00	5 Min: 4173	
					10 Min: 3830	
					15 Min: 3637	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
99.90	8,590.00	5,121.00	1.11			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
202,805.00	5,314.00		500.00			
Stage	Formation	Frac Type				
17	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
1/3/2013	10341 - 10477		5,931.00	8,106.00	5 Min: 3927	
					10 Min: 3557	
					15 Min: 3398	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
100.20	8,540.00	5,266.00	1.13			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
198,779.00	5,130.00		500.00			
Stage	Formation	Frac Type				
18	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
1/3/2013	10191 - 10313		7,552.00	7,868.00	5 Min: 4210	
					10 Min: 3849	
					15 Min: 3640	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
99.80	8,069.00	5,163.00	1.11			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
200,247.00	5,288.00		500.00			

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Stage	Formation	Frac Type				
19	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
1/3/2013	10041 - 10163		5,781.00	7,896.00	5 Min: 3901	
					10 Min: 3607	
					15 Min: 3461	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
100.30	8,343.00	5,073.00	1.1			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
200,534.00	5,231.00		500.00			
<hr/>						
Stage	Formation	Frac Type				
20	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
1/3/2013	9891 - 10013		7,118.00	8,019.00	5 Min: 4627	
					10 Min: 4262	
					15 Min: 4032	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
99.80	8,945.00	5,419.00	1.15			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
197,696.00	5,184.00		500.00			
<hr/>						
Stage	Formation	Frac Type				
21	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
1/3/2013	9741 - 9863		6,629.00	7,572.00	5 Min: 4379	
					10 Min: 4020	
					15 Min: 3831	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
100.60	8,272.00	5,176.00	1.12			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
197,472.00	5,213.00		500.00			

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Stage	Formation	Frac Type			
22	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/4/2013	9591 - 9713		5,467.00	7,736.00	5 Min: 4219
					10 Min: 3931
					15 Min: 3749
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
99.90	8,326.00	4,953.00	1.09		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
201,578.00	5,143.00		500.00		
Stage	Formation	Frac Type			
23	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/4/2013	9441 - 9563		6,658.00	7,802.00	5 Min: 4128
					10 Min: 3804
					15 Min: 3652
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.40	8,423.00	4,869.00	1.08		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
201,030.00	5,305.00		500.00		
Stage	Formation	Frac Type			
24	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/4/2013	9156 - 9398		6,489.00	7,495.00	5 Min: 4299
					10 Min: 3982
					15 Min: 3812
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.00	8,572.00	5,103.00	1.11		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
401,532.00	9,889.00		500.00		

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Stage	Formation	Frac Type			
25	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/4/2013	8856 - 9098		7,343.00	7,807.00	5 Min: 4525
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4195
100.50	9,034.00	5,694.00	1.19		15 Min: 3988
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
406,308.00	9,924.00		500.00		
Stage	Formation	Frac Type			
26	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/5/2013	8556 - 8798		7,037.00	7,468.00	5 Min: 4470
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4202
98.90	8,681.00	5,179.00	1.12		15 Min: 3863
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
401,781.00	9,629.00		500.00		

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