

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: 2012-10-11 Amended
API #: 4701705958

Farm name: John R. Davies et al Operator Well No.: 513369

LOCATION: Elevation: 1130 Quadrangle: West Union

District: Unknown County: Doddridge, WV
Latitude: 39.26572 Feet South of _____ Deg. _____ Min. _____ Sec.
Longitude -80.77883 Feet West of _____ Deg. _____ Min. _____ Sec.

Company: EQT Production Company

Address: <u>EQT Plaza, Suite 1700</u>	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>625 Liberty Avenue, Pittsburgh, PA 15222</u>	<u>20</u>	<u>40</u>	<u>40</u>	<u>45.22</u>
Agent: <u>Cecil Ray</u>	<u>13 3/8</u>	<u>1,111</u>	<u>1,111</u>	<u>873.3</u>
Inspector: <u>David Scrange</u>	<u>9 5/8</u>	<u>3,125</u>	<u>3,125</u>	<u>1,265.6</u>
Date Permit Issued: <u>2010-06-10</u>	<u>5 1/2</u>	<u>9,643</u>	<u>9,643</u>	<u>1,296.82</u>
Date Well Work Commenced: <u>2010-07-13</u>				
Date Well Work Completed: <u>2011-04-22</u>				
Verbal Plugging: <u>N/A</u>				
Date Permission granted on: <u>N/A</u>				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): <u>6,647.93</u>				
Total Measured Depth (ft): <u>9,647</u>				
Fresh Water Depth (ft.): <u>FW @ 66,157,268,343</u>				
Salt Water Depth (ft.): <u>None Encountered</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>60, 205, 403, 675</u>				
Void(s) encountered (N/Y) Depth(s) <u>N</u>				

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 8,832 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 850 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.

[Signature]
Signature

2012-10-11
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 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):

Formations Encountered: Top Depth / Bottom Depth
Surface:

Sand / 0 / 55 / 55 -- Shale / 55 / 60 / 5 -- Coal / 60 / 62 / 2 -- Sand / 62 / 100 / 38 -- Red Rock / 100 / 108 / 8 --
 Shale / 108 / 205 / 97 -- Coal / 205 / 210 / 5 -- Sand / 210 / 240 / 30 -- Red Rock / 240 / 250 / 10 -- Red Rock / 250 / 265 / 15 --
 Sand / 265 / 280 / 15 -- Red Rock / 280 / 290 / 10 -- Sand and Shale / 290 / 330 / 40 -- Red Rock / 330 / 350 / 20 --
 Sand and Shale / 350 / 403 / 53 -- Coal / 403 / 406 / 3 -- Sand and Shale / 406 / 675 / 269 -- Coal / 675 / 677 / 2 --
 Sand and Shale / 677 / 983 / 306 -- Shale / 750 / 840 / 90 -- Red Rock / 840 / 860 / 20 -- Sand / 860 / 1,070 / 210 --
 Red Rock / 1,070 / 1,085 / 15 -- Sand / 1,085 / 3,222 / 2,137 -- WARREN / 3,222.06 / 3,304.96 / 82.9 -- SPEECHLEY / 3,304.96 / 3,988.6 / 683.64 --
 BALLTOWN B / 3,988.6 / 4,175.98 / 187.38 -- BRADFORD / 4,175.98 / 4,450.42 / 274.44 -- RILEY / 4,450.42 / 4,887.17 / 436.75 --
 BENSON / 4,887.17 / 5,140.73 / 253.56 -- ALEXANDER / 5,140.73 / 6,249.28 / 1,108.55 -- SONYEA / 6,249.28 / 6,483.95 / 234.67 --
 MIDDLESEX / 6,483.95 / 6,536.19 / 52.24 -- GENESSEE / 6,536.19 / 6,613.69 / 77.5 -- GENESEO / 6,613.69 / 6,642.8 / 29.11
 TULLY / 6,642.8 / 6,667.05 / 24.25 -- HAMILTON / 6,667.05 / 6,682.09 / 15.04 -- MARCELLUS BLK SHALE / 6,682.09 / 6,697.36 / 15.27 --

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ECT 07R-35 Completion Allocation Well Treatment Summary

Stage	Formation	Frac Type				
1A	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
2/28/2011	9378 - 9620		7,848.00	8,456.00	5 Min: 4035	
					10 Min: 3813	
					15 Min: 3666	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
41.20	9,083.00	4,936.00	9573			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
2,800.00	5,238.00		4,000.00			

Stage	Formation	Frac Type				
1B	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
2/28/2011	9299 - 9401		5,953.00	8,118.00	5 Min: 3707	
					10 Min: 3404	
					15 Min: 3228	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
93.60	9,065.00	5,130.00	1.2			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
402,670.00	10,407.00		2,000.00			

Stage	Formation	Frac Type				
2	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
3/1/2011	8999 - 9241		5,856.00	7,543.00	5 Min: 4775	
					10 Min: 4423	
					15 Min: 4175	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
100.30	7,907.00	5,269.00	1.22			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
464,210.00	9,945.00		2,000.00			

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ECOP WR 45	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
3	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
3/1/2011	8778 - 9020		5,757.00	7,111.00	5 Min: 4596
					10 Min: 4774
					15 Min: 4456
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
98.20	8,632.00	5,469.00	1.26		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
398,650.00	9,929.00		2,000.00		
Stage	Formation	Frac Type			
4	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
3/1/2011	6697 - 7182		6,697.00	7,182.00	5 Min: 4790
					10 Min: 4514
					15 Min: 4299
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.50	8,609.00	5,576.00	1.27		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
396,860.00	9,983.00		2,000.00		
Stage	Formation	Frac Type			
5	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
3/1/2011	8099 - 8341		6,483.00	7,644.00	5 Min: 4081
					10 Min: 3662
					15 Min: 3401
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
97.90	8,241.00	4,669.00	0		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
405,050.00	9,788.00		2,000.00		

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ECF# WP#35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
6	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
3/2/2011	7799 - 8041		5,746.00	7,614.00	5 Min: 4179
					10 Min: 4769
					15 Min: 4410
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
94.16	8,672.00	5,592.00	1.27		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
397,500.00	10,907.00		2,000.00		
Stage	Formation	Frac Type			
7	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
3/2/2011	7499 - 7741		5,542.00	6,844.00	5 Min: 4147
					10 Min: 3859
					15 Min: 3789
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
89.00	8,314.00	5,259.00	1.22		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
399,380.00	9,892.00		2,000.00		
Stage	Formation	Frac Type			
8	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
3/2/2011	7199 - 7441		5,727.00	6,976.00	5 Min: 3480
					10 Min: 3232
					15 Min: 3092
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
92.80	7,206.00	4,532.00	1.11		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
403,200.00	9,567.00		2,000.00		

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