

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: 2012-08-29
API #: 47091-01221

RECEIVED
Office of Oil & Gas

SEP 11 2012

Farm name: James M. Taylor et al Operator Well No.: 511504

LOCATION: Elevation: 1470 Quadrangle: Rosemont

District: Unknown County: Taylor, WV
Latitude: 39.29450 Feet South of Deg. 39 Min. 20 Sec.
Longitude -80.19249 Feet West of West Deg. 80 Min. 10 Sec.

WV Department of
Environmental Protection

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	165.1
Agent: Cecil Ray	13 3/8	965	965	834
Inspector: Brian Harris	9 5/8	2,710.5	2,710.5	1,053.15
Date Permit Issued: 2011-03-21	5 1/2	13,286.39	13,286.39	1,671.9
Date Well Work Commenced: 2011-04-02				
Date Well Work Completed: 2011-11-16				
Verbal Plugging: Not Applicable				
Date Permission granted on: Not Applicable				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 7,431.73				
Total Measured Depth (ft): 13,300				
Fresh Water Depth (ft.): None Reported				
Salt Water Depth (ft.): None Reported				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 618, 811, 891				
Void(s) encountered (N/Y) Depth(s) No				

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 3,000 MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 1,920 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.


Signature

09-05-2012
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 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:			

Clay 0/4/40 - Sandstone 40/315/275 - Red Rock 315/320/5

Sandstone 320/575/255 - Red Rock 575/595/20 - Sandstone 595/600/5

Coal 600/610/10 - Sandstone 610/795/185 - Coal 795/800/5

Sandstone 800/890/90 - Coal 890/895/5 - Sandstone 895/983/88

Siltstone 983/1334/351 - Limestone 1334/1423/89 - Sandstone 1423/2459/1036

Sand 2459/ 3149.6/ 690 - Speechly 3149/3432/283 - Bradford 3432/3600/168

Balltown B 3600/3847/247 - Riley 3847/4459/612 - Benson 4459/6814/2355

Sonyea 6814/7175/361 - Middlesex 7175/7291/44 - Genesee 7291/7400/109

Geneseo 7400/7450/50 - Tully 7450/7504/54 - Hamilton 7504/7632/131

Marcellus 7632/7695/63 - Purcell 7695/7725/30 - Cherry Valley 7725--

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	
9/8/2011	12855 - 13097		5,909.00	8,126.00	5 Min: 4450	
					10 Min: 4240	
					15 Min: 4131	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
90.60	8,825.00	5,239.00	1.14			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
402,024.00	10,218.00		2,000.00			
Stage	Formation	Frac Type				
2	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
9/8/2011	12555 - 12797		9,007.00	8,345.00	5 Min: 4712	
					10 Min: 4442	
					15 Min: 4301	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
79.60	8,773.00	5,734.00	1.21			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
308,051.00	9,171.00		2,000.00			
Stage	Formation	Frac Type				
3	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
9/8/2011	12255 - 12526		7,800.00	8,211.00	5 Min: 5437	
					10 Min: 5090	
					15 Min: 4845	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
85.80	9,012.00	5,854.00	1.22			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
363,331.00	10,864.00		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
9/9/2011	11955 - 12197		8,766.00	8,306.00	5 Min: 5671
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5398
85.60	9,090.00	6,483.00	1.3		15 Min: 5224
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,412.00	10,398.00		2,000.00		
Stage	Formation	Frac Type			
5	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/9/2011	11655 - 11897		7,524.00	8,067.00	5 Min: 5674
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5588
80.00	8,695.00	5,828.00	1.21		15 Min: 5471
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
399,256.00	9,749.00		2,000.00		
Stage	Formation	Frac Type			
6	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/9/2011	11355 - 11597		7,415.00	7,859.00	5 Min: 5242
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5000
86.20	8,925.00	5,260.00	1.14		15 Min: 4847
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
404,880.00	9,871.00		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
9/9/2011	11055 - 11297		7,080.00	7,635.00	5 Min: 4657
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4493
91.40	8,823.00	5,412.00	1.16		15 Min: 4415
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,957.00	10,129.00		2,000.00		
Stage	Formation	Frac Type			
8	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/10/2011	10755 - 10997		8,216.00	7,937.00	5 Min: 5704
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5392
83.20	8,908.00	5,402.00	1.29		15 Min: 5178
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
405,204.00	11,241.00		2,000.00		
Stage	Formation	Frac Type			
9	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/10/2011	10455 - 10697		8,508.00	7,973.00	5 Min: 5724
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5558
93.20	8,886.00	6,113.00	1.25		15 Min: 5422
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
397,676.00	9,997.00		2,000.00		

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Stage	Formation	Frac Type			
10	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/10/2011	10155 - 10397		8,144.00	8,060.00	5 Min: 5459
					10 Min: 5250
Avg Rate	Max Press PSI	ISIP	Frac Gradient		15 Min: 5119
93.70	8,982.00	5,486.00	1.16		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,860.00	9,909.00		2,000.00		
Stage	Formation	Frac Type			
11	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/11/2011	9855 - 10097		6,959.00	8,121.00	5 Min: 5275
					10 Min: 5012
Avg Rate	Max Press PSI	ISIP	Frac Gradient		15 Min: 4882
89.67	8,873.00	5,841.00	1.21		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,300.00	10,278.00		2,000.00		
Stage	Formation	Frac Type			
12	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/11/2011	9555 - 9797		7,677.00	8,168.00	5 Min: 5406
					10 Min: 5112
Avg Rate	Max Press PSI	ISIP	Frac Gradient		15 Min: 4957
99.11	8,813.00	6,029.00	1.13		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
399,337.00	10,005.00		2,000.00		

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Stage	Formation	Frac Type			
13	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psl	SIP Detail
9/11/2011	9255 - 9497		8,485.00	7,777.00	5 Min: 5347
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5138
99.30	8,438.00	5,563.00	1.17		15 Min: 5026
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
401,033.00	10,010.00		2,000.00		

Stage	Formation	Frac Type			
14	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psl	SIP Detail
9/11/2011	8955 - 9197		7,043.00	7,988.00	5 Min: 5756
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5629
100.50	8,511.00	5,690.00	1.22		15 Min: 5533
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,760.00	9,535.00		2,000.00		

Stage	Formation	Frac Type			
15	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psl	SIP Detail
9/11/2011	8655 - 8897		7,174.00	8,359.00	5 Min: 5709
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5610
97.50	8,880.00	6,205.00	1.25		15 Min: 5536
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
404,574.00	9,811.00		2,000.00		

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Stage	Formation	Frac Type			
16	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/12/2011	8355 - 8597		7,222.00	7,959.00	5 Min: 5419
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5233
100.40	8,452.00	5,519.00	1.16		15 Min: 5078
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
399,977.00	9,831.00		2,000.00		

Stage	Formation	Frac Type			
17	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
9/12/2011	8055 - 8297		6,946.00	7,787.00	5 Min: 4643
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4539
98.08	8,556.00	5,090.00	1.11		15 Min: 4425
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,875.00	9,687.00		2,000.00		