

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: 1/28/2013 ✓
API #: 47-8509931H

Farm name: Dewayne Britton, et ux Operator Well No.: 513038

LOCATION: Elevation: 1,116 Quadrangle: Pennsboro

District: Clay County: Ritchie, WV
Latitude: 10.800 Feet South of _____ Deg. 39 Min. 17 Sec.
Longitude 9.920 Feet West of _____ Deg. 80 Min. 55 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	45
Agent: Cecil Ray	13 3/8	1,054.9	1,054.9	892
Inspector: David Cowan	9 5/8	5,524	5,524	2577
Date Permit Issued: 11/21/2011	5 1/2	12,305	12,305	1,523
Date Well Work Commenced: 12/29/2011				
Date Well Work Completed: 8/6/2012				
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): 6,426				
Total Measured Depth (ft): 12,336				
Fresh Water Depth (ft.): 90, 223, 488, 560, 780				
Salt Water Depth (ft.): No show of salt water				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 273', 560', 750'				
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) 6,374

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

Final open flow 8,998 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests 94.5 Hours

Static rock Pressure 2,406 psig (surface pressure) after 94.5 Hours

Second producing formation No second 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

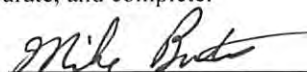
Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

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APR 19 2013

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

1/28/2013
Date

05/31/2013

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 CBL and Gamma Ray

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): N/A

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

Sand & Shale / 0 / 273 / 273 -- Coal / 273 / 281 / 8

Sand & Shale / 281 / 560 / 279 -- Coal / 560 / 566 / 6 -- Sand & Shale / 566 / 750 / 184 --

Coal / 750 / 753 / 3 -- Sand & Shale / 753 / 1,749 / 996 --

Maxton / 1,749 / 1,968 / 219 -- Big Lime / 1,968 / 2,037 / 69 -- Keener / 2,037 / 2,080 / 43 --

Big Injun / 2,080 / 2,376 / 296 -- Weir / 2,376 / 2,581 / 205 -- Gantz / 2,581 / 2,720 / 139 --

Fifty foot / 2,720 / 2,802 / 82 -- Thirty foot / 2,802 / 2,845 / 43 -- Gordon / 2,845 / 2,927 / 82 --

Forth Sand / 2,927 / 3,072 / 145 -- Fifth Sand / 3,072 / 3,115 / 43 -- Bayard / 3,115 / 3,465 / 350 --

Warren / 3,465 / 3,546 / 81 -- Speechley / 3,546 / 3,930 / 384 -- Balltown A / 3,930 / 4,196 / 266 --

Balltown B / 4,196 / 4,340 / 144 -- Bradford / 4,340 / 4,581 / 241 -- Riley / 4,581 / 4,949 / 368 --

Java / 4,949 / 5,015 / 66 -- Benson / 5,015 / 5,212 / 197 -- Alexander / 5,212 / 5,260 / 48 --

Angola / 5,260 / 6,106 / 846 -- Sonyea / 6,106 / 6,220 / 114 -- Middlesex / 6,220 / 6,260 / 40 --

Genesee / 6,260 / 6,325 / 65 -- Geneseo / 6,325 / 6,355 / 30 -- Tully / 6,355 / 6,368 / 13 --

Hamilton / 6,368 / 6,374 / 6 -- Marcellus / 6,374 / 6,424 / 50 -- Onondaga / 6,424 / 6,426 / 2

85-09931

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
7/19/2012	12042 - 12284		5,544.00	7,394.00	5 Min: 3369
					10 Min: 2841
					15 Min: 2561
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
99.73	9,014.00	4,860.00	1.2		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
403,267.00	10,493.00		2,000.00		
Stage	Formation	Frac Type			
2	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
7/19/2012	11742 - 11984		6,264.00	7,988.00	5 Min: 6705
					10 Min: 4892
					15 Min: 3848
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
98.50	9,310.00	9,061.00	1.87		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
326,760.00	8,231.00		750.00		
Stage	Formation	Frac Type			
3	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
7/28/2012	11442 - 11684		5,415.00	8,130.00	5 Min: 0
					10 Min: 0
					15 Min: 0
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
82.70	9,501.00	9,390.00	1.89		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
276,748.00	8,751.00		750.00		

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Office of Oil & Gas

APR 19 2013

05/31/2013

85-09931

EQT WR-35		Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type				
4	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
8/1/2012	11142 - 11340		4,983.00	7,571.00	5 Min: 3105	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 2878	
92.79	8,963.00	4,666.00	1.16		15 Min: 2699	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
403,850.00	14,004.00		750.00			
Stage	Formation	Frac Type				
5	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
8/2/2012	10842 - 11113		5,433.00	7,120.00	5 Min: 2450	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 2292	
98.70	7,621.00	3,061.00	0.91		15 Min: 2196	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
398,633.00	12,695.00		750.00			
Stage	Formation	Frac Type				
6	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
8/2/2012	10542 - 10784		5,508.00	7,454.00	5 Min: 2688	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 2491	
98.10	7,796.00	3,161.00	0.93		15 Min: 2364	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
398,240.00	10,014.00		750.00			

Received
Office of Oil & Gas

05/31/2013

85-09931

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
7	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/3/2012	10242 - 10484		5,610.00	7,108.00	5 Min: 3087
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 2798
100.00	7,711.00	4,072.00	1.07		15 Min: 2635
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
397,786.00	9,553.00		750.00		
Stage	Formation	Frac Type			
8	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/3/2012	#Error		5,108.00	7,165.00	5 Min:
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min:
95.90	8,019.00	4,882.00	1.19		15 Min:
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
			750.00		
Stage	Formation	Frac Type			
9	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/3/2012	9927 - 10063		4,846.00	6,653.00	5 Min: 3276
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 2791
95.10	7,494.00	4,761.00	1.17		15 Min: 2511
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
199,074.00	5,197.00		750.00		

Received
Office of Oil & Gas

APR 19 2013

05/31/2013

85-09931

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
8/3/2012	9777 - 9899		5,011.00	7,086.00	5 Min: 3495
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 2948
98.20	7,665.00	5,411.00	1.28		15 Min: 2679
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
200,443.00	5,107.00		750.00		
Stage	Formation	Frac Type			
11	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/3/2012	9477 - 9598		5,031.00	7,007.00	5 Min: 3794
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3258
98.90	7,496.00	5,127.00	1.23		15 Min: 2964
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
200,883.00	4,894.00		750.00		
Stage	Formation	Frac Type			
12	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/4/2012	9472 - 9599		4,920.00	6,584.00	5 Min: 3508
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3022
98.70	7,146.00	4,902.00	1.2		15 Min: 2760
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
200,883.00	4,956.00		750.00		

Received
Office of Oil & Gas

APR 19 2013

05/31/2013

85-09931

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
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Stage	Formation	Frac Type			
13	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/4/2012	9327 - 9449		5,472.00	6,716.00	5 Min: 3481
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3052
96.50	7,504.00	4,873.00	1.19		15 Min: 2834
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
199,437.00	5,144.00		750.00		

Stage	Formation	Frac Type			
14	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/4/2012	9042 - 9282		5,612.00	6,693.00	5 Min: 4000
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3601
97.30	7,451.00	5,078.00	1.22		15 Min: 3380
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
359,657.00	9,375.00		750.00		

Stage	Formation	Frac Type			
15	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/4/2012	8742 - 8984		5,689.00	6,829.00	5 Min: 3790
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3370
99.54	7,625.00	4,716.00	1.17		15 Min: 3115
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,028.00	9,511.00		750.00		

Received
Office of Oil & Gas

APR 19 2013

05/31/2013

85-09931

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
16	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/5/2012	8442 - 8684		5,421.00	6,876.00	5 Min: 3799
					10 Min: 3317
					15 Min: 3042
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
95.30	7,408.00	4,976.00	1.21		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
398,448.00	11,346.00		750.00		
Stage	Formation	Frac Type			
17	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/5/2012	8142 - 8384		4,860.00	6,458.00	5 Min: 3037
					10 Min: 2661
					15 Min: 2488
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.10	6,717.00	3,977.00	1.05		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,310.00	9,697.00		750.00		
Stage	Formation	Frac Type			
18	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/5/2012	7842 - 8084		6,036.00	6,419.00	5 Min: 3315
					10 Min: 2885
					15 Min: 2682
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
99.00	6,955.00	4,422.00	1.12		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
397,584.00	9,631.00		750.00		

Received
Office of Oil & Gas

APR 19 2013

05/31/2013

85-09931

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
19	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/6/2012	7542 - 7784		5,526.00	6,573.00	5 Min: 3912
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3476
100.20	6,931.00	5,053.00	1.22		15 Min: 3194
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
398,908.00	9,497.00		750.00		
Stage	Formation	Frac Type			
20	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/6/2012	7242 - 7484		5,703.00	6,369.00	5 Min: 2871
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 2626
98.30	7,356.00	3,877.00	1.04		15 Min: 2482
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
379,935.00	9,619.00		750.00		
Stage	Formation	Frac Type			
21	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
8/6/2012	7242 - 7484		5,665.00	6,315.00	5 Min:
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min:
100.50	6,575.00	3,292.00	0.95		15 Min:
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
389,410.00	9,718.00		750.00		

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APR 19 2013

05/31/2013