

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: 2012-01-11  
API #: 4701705948

Farm name: I. L. Morris Operator Well No.: 513101

LOCATION: Elevation: 1075 Quadrangle: Oxford

District: Unknown County: Doddridge, WV  
Latitude: 39.20927 Feet South of 14830 Deg. 39 Min. 15 Sec.  
Longitude -80.78936 Feet West of 11150 West Deg. 80 Min. 45 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	10.86
Agent: Cecil Ray	13 3/8	949	949	773.9
Inspector: <b>David Scrange</b>	9 5/8	2,847	2,847	1,087.2
Date Permit Issued: 2010-03-22	5 1/2	10,388	10,388	1,397.55
Date Well Work Commenced: 2010-04-11				
Date Well Work Completed: 2011-05-27				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6459				
Total Measured Depth (ft): 10,442				
Fresh Water Depth (ft.): Not Reported				
Salt Water Depth (ft.): 1,735				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): Not Rptd				
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) \_\_\_\_\_  
Gas: Initial open flow N/S MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 5,208 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure 548 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.

Mike Butts  
Signature

2012-01-11  
Date

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, 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:

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Plug Back Details Including Plug Type and Depth(s):

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Formations Encountered: \_\_\_\_\_ Top Depth \_\_\_\_\_ / \_\_\_\_\_ Bottom Depth \_\_\_\_\_  
Surface:

SAND AND SHALE / / 1,709.4 / 1,709.4 -- BIG LIME / 1,709.42 / 1,772.31 / 62.89 --  
KEENER / 1,772.31 / 1,798.6 / 26.29 -- BIG INJUN / 1,798.6 / 2,005.55 / 206.95 --  
WEIR / 2,005.55 / 2,206.78 / 201.23 -- BEREA / 2,206.78 / 2,219.35 / 12.57 --  
GANTZ / 2,219.35 / 2,299.39 / 80.04 -- 50F / 2,299.39 / 2,412.58 / 113.19 --  
30F / 2,412.58 / 2,456.03 / 43.45 -- GORDON / 2,456.03 / 2,557.78 / 101.75 --  
4TH / 2,557.78 / 2,697.27 / 139.49 -- 5TH / 2,697.27 / 2,732.72 / 35.45 --  
BAYARD / 2,732.72 / 3,060.86 / 328.14 -- WARREN / 3,060.86 / 3,134.03 / 73.17 --  
SPEECHLEY / 3,134.03 / 3,657.68 / 523.65 -- BALLTOWN A / 3,657.68 / 3,813.18 / 155.5 --  
BALLTOWN B / 3,813.18 / 4,005.26 / 192.08 -- BRADFORD / 4,005.26 / 4,265.94 / 260.68 --  
RILEY / 4,265.94 / 4,698.13 / 432.19 -- BENSON / 4,698.13 / 4,948.52 / 250.39 --  
ALEXANDER / 4,948.52 / 6,093.01 / 1,144.49 -- SONYEA / 6,093.01 / 6,243.93 / 150.92 --  
MIDDLESEX / 6,243.93 / 6,300.14 / 56.21 -- GENESSEE / 6,300.14 / 6,374.27 / 74.13 --  
GENESE0 / 6,374.27 / 6,415.43 / 41.16 -- TULLY / 6,415.43 / 6,437.15 / 21.72 --  
HAMILTON / 6,437.15 / 6,450.87 / 13.72 -- MARCELLUS BLK SHALE / 6,450.87 / 6,465.74 / 14.87 --  
PURCELL / 6,465.74 / 6,489.75 / 24.01 -- CHERRY VALLEY / 6,489.75 / 6,513.76 / 24.01 --

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
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<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>			
1	MARCELLUS	Slickwater			
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>
4/16/2011	10094 - 10336		6,100.00	8,100.00	5 Min: 3119
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 2950
85.00	9,160.00	4,171.00	1.08		15 Min: 2848
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
405,651.00	11,866.00		4,000.00		

<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>			
2	MARCELLUS	Slickwater			
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>
4/17/2011	9794 - 10036		5,045.00	7,475.00	5 Min: 3233
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 3031
100.00	7,880.00	3,920.00	1.04		15 Min: 2900
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
407,485.00	10,499.00		2,000.00		

<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>			
3	MARCELLUS	Slickwater			
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>
4/17/2011	9494 - 9736		4,907.00	7,450.00	5 Min: 3440
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 3233
101.00	8,000.00	4,749.00	1.17		15 Min: 3094
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
406,655.00	9,965.00		2,000.00		

EQT WR-35		Completion	Attachment	Well	Treatment	Summary
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>				
4	MARCELLUS	Slickwater				
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>	
4/18/2011	9194 - 9436		5,902.00	7,483.00	5 Min: 3411	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 3111	
99.00	7,954.00	4,491.00	1.13		15 Min: 2983	
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
407,915.00	10,534.00		2,000.00			
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>				
5	MARCELLUS	Slickwater				
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>	
4/18/2011	8894 - 9136		5,329.00	7,583.00	5 Min: 3600	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 3288	
99.00	7,833.00	4,480.00	1.12		15 Min: 3130	
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
402,953.00	10,292.00		2,000.00			
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>				
6	MARCELLUS	Slickwater				
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>	
4/18/2011	8594 - 8836		5,230.00	7,250.00	5 Min: 3509	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 3299	
101.00	7,460.00	4,229.00	1.09		15 Min: 3146	
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
411,750.00	10,216.00		2,000.00			

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
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Stage	Formation	Frac Type				
7	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
4/19/2011	8294 - 8536		5,621.00	6,789.00	5 Min: 3441	
					10 Min: 3241	
					15 Min: 3145	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
100.00	7,798.00	4,248.00	1.09			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
405,876.00	10,033.00		2,000.00			

Stage	Formation	Frac Type				
8	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
4/20/2011	7994 - 8236		5,860.00	7,193.00	5 Min: 3563	
					10 Min:	
					15 Min: 3282	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
101.00	7,870.00	4,330.00	1.1			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
412,003.00	10,725.00		2,000.00			

Stage	Formation	Frac Type				
9	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
4/20/2011	7694 - 7936		6,090.00	6,699.00	5 Min: 3521	
					10 Min: 3368	
					15 Min: 3252	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
100.00	7,210.00	4,277.00	1.09			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
403,412.00	10,218.00		2,000.00			

EQT WR-35		Completion	Attachment	Well	Treatment	Summary
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>				
10	MARCELLUS	Slickwater				
<b>Date</b>	<b>From / To</b>	<b># of perfs</b>	<b>BD Press</b>	<b>ATP Psi</b>	<b>SIP Detail</b>	
4/21/2011	7394 - 7636		6,222.00	7,143.00	5 Min: 3241	
					10 Min: 3069	
					15 Min: 2991	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
103.00	7,955.00	4,134.00	1.07			
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
408,937.00	10,139.00		2,000.00			