

**State of West Virginia  
Division of Environmental Protection  
Section of Oil and Gas  
Well Operator's Report of Well Work**

API #

4701705912

*Revised surveys are attached*

Farm Name John R. Davies  
 Location Elevation 1180  
 District Unknown  
 Latitude 7070 Degree 39 Minutes 17 Seconds 30  
 Longitude 6070 West Degree 80 Minutes 45 Seconds 0

Well Number 512513  
 QUAD West Union  
 County Doddridge, WV  
 WV

Company EQT Plaza  
 Suite 1700  
 625 Liberty Avenue  
 Pittsburgh, Pa 15222

Longitude 39.27224  
 Latitude -80.77146

Agent Cecil Ray  
 Inspector David Scrange  
 Permit Issued 12/17/2009

Casing & Tubing Size	Used In Drilling	Left in Well	Cement Cubic FT
20	42.00	42.00	10.86
13 3/8	1192.00	1,192.00	979.80
9 5/8	3201.00	3,201.00	1,198.81
5 1/2	9905.00	9,905.00	1,442.72

Well Work Commenced 5/26/2010  
 Well Work Completed 6/6/2011

Verbal Plugging

Rotary Rig X Rotary Rig

Total Depth 9,905.00

TVD 6764'

*plug BACK depth : 5159'  
 plug BACK with 32 bbls plugcem*

Type From  
*not Reported*

Producing Formation marcellus

Gas: Initial Open Flow n/A

Final Open Flow 4176 mcf/d

Static Rock Pressure 2768 psi

Type	From		
Coal	403.00 ft. -	406.00	ft.
Coal	675.00 ft. -	677.00	ft.

**RECEIVED  
 Office of Oil & Gas**

JUL 11 2011

**WV Department of  
 Environmental Protection**

NOTE: On back of this form put the following  
 1) Details of Perforated intervals, fracturing or stimulating, physical change, etc.  
 2) The well log, a systematic detailed geological record of all formations including coal encountered in the well bore

For EQT Production Company  
 By Mike Butcher  
 Date 7/6/2011

Formation record

Gas Tests

<u>Formation Name</u>	<u>Top</u>	<u>Bottom</u>	<u>Thickness</u>
Sand and Shale	0.00	220.00	220.00
Red Rock	220.00	230.00	10.00
Sand and Shale	230.00	250.00	20.00
Red Rock	250.00	265.00	15.00
Sand and Shale	265.00	280.00	15.00
Red Rock	280.00	290.00	10.00
Sand and Shale	290.00	330.00	40.00
Red Rock	330.00	350.00	20.00
Sand and Shale	350.00	403.00	53.00
Coal	403.00	406.00	3.00
Sand and Shale	406.00	675.00	269.00
Coal	675.00	677.00	2.00
Sand and Shale	677.00	3,273.00	2,596.00
WARREN	3,273.95	3,342.15	68.20
SPEECHLEY	3,342.15	4,028.04	685.89
BALLTOWN B	4,028.04	4,220.94	192.90
BRADFORD	4,220.94	4,492.77	271.83
RILEY	4,492.77	4,930.22	437.45
BENSON	4,930.22	5,186.67	256.45
ALEXANDER	5,186.67	6,311.15	1,124.48
SONYEA	6,311.15	6,459.81	148.66
MIDDLESEX	6,459.81	6,516.33	56.52
GENESSEE	6,516.33	6,591.08	74.75
GENESE0	6,591.08	6,631.28	40.20
TULLY	6,631.28	6,656.10	24.82
HAMILTON	6,656.10	6,673.44	17.34
MARCELLUS BLK SHALE	6,673.44	6,692.44	19.00
PURCELL	6,692.44	6,738.86	46.42

Depth Gas      Comments

0.00      0 Not Reported

were core samples taken? yes

were cuttings caught during drilling? yes

were Electrical, mechanical, or Geophysical logs run?  
yes - Geophysical logs

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
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Stage	Formation	Frac Type				
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>	
4/2/2011	9643 - 98885		7,769.00	7,756.00	5 Min: 3228	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
100.30	8,277.00	4,610.00	1.11			
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
113,630.00	10,089.00		2000			

Stage	Formation	Frac Type				
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>	
4/3/2011	9342 - 9583		6,031.00	7,713.00	5 Min: 3294	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
100.70	8,501.00	4,183.00	1.05			
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
106,799.00	10,142.00		2000			

Stage	Formation	Frac Type				
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>	
4/3/2011	9043 - 9283		6,328.00	7,628.00	5 Min: 3614	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
98.07	8,557.00	4,673.00	1.13			
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
111,920.00	10,058.00		2000			

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>
4/3/2011	8743 - 8985		5,433.00	7,391.00	5 Min: 3854
					10 Min: 3541
					15 Min: 3367
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		
100.40	8,481.00	5,059.00	0		
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
106,057.00	10,018.00		2000		
<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>
4/5/2011	8443 - 8685		5,629.00	7,425.00	5 Min: 3668
					10 Min: 3416
					15 Min: 3309
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		
100.30	8,517.00	4,481.00	1.1		
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
103,954.00	9,874.00		2000		
<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>
4/5/2011	8143 - 8385		5,546.00	7,122.00	5 Min: 4082
					10 Min: 3739
					15 Min: 3540
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		
100.20	8,523.00	4,687.00	1.13		
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
102,859.00	9,863.00		2000		

EQT	WR-35	Completion	Attachment	Well	Treatment	Summary
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>				
7	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>	
4/5/2011	7843 - 8083		5,414.00	7,027.00	5 Min: 4394	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 3935	
100.00	8,384.00	5,125.00	1.19		15 Min: 3669	
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
108,220.00	9,734.00		2000			
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>				
8	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>	
4/6/2011	7543 - 7785		6,138.00	6,783.00	5 Min: 3543	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 3275	
100.00	8,601.00	4,240.00	1.06		15 Min: 3158	
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
105,210.00	10,113.00		2000			
<b>Stage</b>	<b>Formation</b>	<b>Frac Type</b>				
9	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>	
4/7/2011	7243 - 7485		6,480.00	6,734.00	5 Min: 3692	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 3419	
100.40	7,651.00	4,750.00	1.13		15 Min: 3262	
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
104,270.00	9,524.00		2000			

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
4/7/2011	6143 - 7185		6,115.00	7,317.00	5 Min: 3737
					10 Min: 3423
					15 Min: 3254
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.60	8,519.00	4,772.00	1.14		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
104,637.00	9,661.00		2000		