

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

4701705914  
Deviation survey is attached

Farm Name John R. Davies  
Location Elevation 1180  
District Unknown

Well Number 512681  
QUAD Grant Town  
County Doddridge, WV  
WV

Latitude 7070 Degree 39 Minutes 16 Seconds 25  
Longitude 6070 West Degree -80 Minutes 46 Seconds 11

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 12/18/2009

Casing & Tubing Size	Used In Drilling	Left in Well	Cement Cubic FT
20	42.00	42.00	
13 3/8	1146.00	1,146.00	979.80
9 5/8	3205.00	3,205.00	926.30
5 1/2	11702.20	11,702.20	2,370.40

Well Work Commenced 7/7/2010

Well Work Completed 6/1/2011

Verbal Plugging

Rotary Rig X Rotary Rig

Total Depth 11,708.00

TVD 6677'

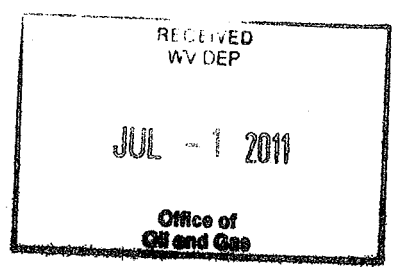
Type From  
not reported

Producing Formation marcellus

Gas: Initial Open Flow n/a

Final Open Flow 7296 mced

Static Rock Pressure 2768 psi



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 6/27/2011

12/09/2011

Formation record

Gas Tests

Formation Name	Top	Bottom	Thickness
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	3273.00	2,597.00
Warren	3,273.95	3,342.15	68.20
Speechley	3,342.15	4,028.04	685.89
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
Genesee	6,516.33	6,591.08	74.75
Geneseo	6,591.08	6,631.28	40.20
Tully	6,631.28	6,673.44	42.16
Hamilton	6,673.44	6,692.44	19.00
Marcellus	6,692.44	6,738.86	46.42
Purcell	6,692.44		

Depth Gas

Comments

0.00  
 0 not Reported  
 were core samples taken? no  
 were cuttings caught during drilling? yes  
 were electrical, mechanical, or geophysical logs run? no

Formations are from a nearby offset well and are not direct measurements from a well log.

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>	
3/11/2011	11424 - 11676		5,576.00	7,518.00	5 Min: 3588	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
99.00	8,742.00	4,458.00	1.1	10 Min: 3378		
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
104,640.00	10,705.00		2000 gal	15 Min: 3121		

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>	
3/11/2011	11124 - 11310		5,940.00	7,536.00	5 Min: 4303	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
99.90	8,939.00	5,299.00	1.22	10 Min: 3946		
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
96,800.00	10,431.00		2000	15 Min: 3605		

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>	
3/12/2011	10824 - 11066		5,214.00	7,333.00	5 Min: 4442	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
99.10	8,977.00	5,120.00	1.19	10 Min: 4018		
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
105,400.00	10,391.00		2000	15 Min: 3730		

Stage	Formation	Frac Type		Treatment		Summary
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>	
3/13/2011	10524 - 10766		6,055.00	7,684.00	5 Min: 3870	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 3509	
100.20	8,525.00	5,057.00	1.19		15 Min: 3318	
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
109,500.00	10,033.00		2000			

Stage	Formation	Frac Type		Treatment		Summary
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>	
3/13/2011	10224 - 10466		6,033.00	7,586.00	5 Min: 4024	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 3719	
100.50	8,402.00	4,570.00	1.11		15 Min: 3477	
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
101,800.00	10,303.00		2000			

Stage	Formation	Frac Type		Treatment		Summary
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>	
3/14/2011	9924 - 10166		5,357.00	7,673.00	5 Min: 3980	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 3586	
99.80	9,379.00	5,092.00	1.19		15 Min: 3349	
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
100,700.00	10,024.00		2000			

Stage	Formation	Frac Type			Summary
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>
3/14/2011	9624 - 9866		6,056.00	7,856.00	5 Min: 4515
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 4215
96.20	8,381.00	4,889.00	1.16		15 Min: 3868
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
106,210.00	9,720.00		2000		

Stage	Formation	Frac Type			Summary
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>
3/14/2011	9324 - 9566		5,827.00	7,853.00	5 Min: 4461
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 4141
100.20	8,822.00	4,794.00	1.15		15 Min: 3941
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
110,660.00	9,765.00		2000		

Stage	Formation	Frac Type			Summary
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>
3/14/2011	9024 - 9266		5,296.00	7,834.00	5 Min: 4058
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 3744
100.80	8,990.00	4,951.00	1.17		15 Min: 3290
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
103,400.00	9,876.00		2000		

Stage	Formation	Frac Type			Summary
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>
3/14/2011	8724 - 8966		5,376.00	7,919.00	5 Min: 4146
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 3592
100.30	9,328.00	5,033.00	1.18		15 Min: 3238
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
108,100.00	9,917.00		2000		

Stage	Formation	Frac Type			Summary
11	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>
3/15/2011	8424 - 8666		6,257.00	8,071.00	5 Min: 4074
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 3543
100.20	9,327.00	4,863.00	1.16		15 Min: 3241
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
105,670.00	9,858.00		2000		

Stage	Formation	Frac Type			Summary
12	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>
3/15/2011	8124 - 8366		6,187.00	7,511.00	5 Min: 3058
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 2717
99.30	8,191.00	4,253.00	1.06		15 Min: 2551
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
106,970.00	9,437.00		2000		

Stage	Formation	Frac Type				
13	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>	
3/15/2011	7824 - 8066		6,061.00	7,936.00	5 Min: 3069	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 2773	
99.60	8,596.00	4,445.00	1.09		15 Min: 2649	
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
111,000.00	9,659.00		2000			

Stage	Formation	Frac Type				
14	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>	
3/15/2011	7524 - 7766		5,850.00	7,094.00	5 Min: 4303	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 3825	
100.00	7,918.00	4,946.00	1.09		15 Min: 3636	
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
106,800.00	9,620.00		2000			

Stage	Formation	Frac Type				
15	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>	
3/16/2011	7224 - 7464		6,171.00	7,510.00	5 Min: 3264	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 2977	
101.00	8,328.00	4,421.00	1.09		15 Min: 2820	
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
104,900.00	9,564.00		2000			