

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

API #

4701705852

017-05852

Log is attached.

Well Name W.B. Maxwell  
 Location Elevation 1240  
 District Unknown  
 Latitude Degree 39 Minutes 11 Seconds 55  
 Longitude West Degree -80 Minutes 47 Seconds 26  
 Company EQT Plaza  
 Suite 1700  
 625 Liberty Avenue  
 Pittsburgh, Pa 15222

Well Number 512433  
 QUAD Oxford  
 County Doddridge, WV  
 WV

Longitude 39.19861  
 Latitude -80.79065

Agent Cecil Ray  
 Inspector David Scrange  
 Permit Issued 7/7/2009  
 Well Work Commenced 10/3/2009  
 Well Work Completed 12/18/2010  
 Verbal Plugging

Casing & Tubing Size	Used In Drilling	Left in Well	Cement Cubic Ft
20	40.00	40.00	
13 3/8	558.50	558.50	489.70
9 5/8	2968.65	2,968.65	1,227.70
5 1/2	10112.00	10,112.00	1,744.85

Rotary Rig X Rotary Rig \_\_\_\_\_  
 Total Depth 10,127.00  
 YD 6678'

plug back depth: 6073'  
 plug back cement: 167 cu plugcem

Type From  
 Salt Water 1,355.00  
 Salt Water 2,318.00

Producing Formation marcellus

Gas: Initial Open Flow not reported

Final Open Flow 2000 mcf/d

Static Rock Pressure 1700 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 1-12-2011

## Formation record

## Gas Tests

<u>Formation Name</u>	<u>Top</u>	<u>Bottom</u>	<u>Thickness</u>	<u>Depth Gas</u>	<u>Comments</u>
SAND AND SHALE	0.00	1,718.00	1,718.00	1,800.00	0 No Show
MAXTON	1,718.85	1,884.67	165.82	2,050.00	0 No Show
BIG LIME	1,884.67	1,984.02	99.35	2,600.00	0 No Show
BIG INJUN.	1,984.02	2,177.24	193.22		
WEIR	2,177.24	2,380.61	203.37		
BEREA	2,380.61	2,394.33	13.72		
SANTZ	2,394.33	2,475.29	80.96		
IOF	2,475.29	2,585.61	110.32		
IOF	2,585.61	2,628.09	42.48		
GORDON	2,628.09	2,732.92	104.83		
ITH	2,732.92	2,867.22	134.30		
ITH	2,867.22	2,906.96	39.74		
DAYARD	2,906.96	3,240.64	333.68		
WARREN	3,240.64	3,311.21	70.57		
SPEECHLEY	3,311.21	3,842.23	531.02		
BALLTOWN A	3,842.23	3,995.71	153.48		
BALLTOWN B	3,995.71	4,184.82	189.11		
BRADFORD	4,184.82	4,447.93	263.11		
RILEY	4,447.93	4,876.17	428.24		
BRINSON	4,876.17	5,126.26	250.09		
ALEXANDER	5,126.26	6,276.62	1,150.36		
BRONX	6,276.62	6,423.75	147.13		
MIDDLESEX	6,423.75	6,451.77	28.02		
GENESSEE	6,451.77	6,553.50	101.73		
GENESE0	6,553.50	6,593.92	40.42		
TULLY	6,593.92	6,613.79	19.87		
HAMILTON	6,613.79	6,628.87	15.08		
MARCELLUS BLK SHALE	6,628.87	6,642.57	13.70		
MURCELL	6,642.57	6,647.91	5.34		
MARCELLUS	6,647.91	6,667.92	20.01		
CHERRY VALLEY	6,667.92	6,689.85	21.93		

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>	
6/15/2010	9698 - 9860		4,891.00	9,294.00	5 Min: 2684	
					10 Min: 2532	
					15 Min: 2420	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
38.00	9,512.00	5,450.00	1.25			
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
417,102.00	24,507.00		6,000.00			

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>	
6/16/2010	9513 - 9755		4,891.00	9,312.00	5 Min:	
					10 Min:	
					15 Min:	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
24.00	9,504.00	5,956.00	1.33			
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
5,479.00	8,074.00		2,000.00			

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>	
6/18/2010	9214 - 9454		5,505.00	8,704.00	5 Min: 3805	
					10 Min: 3380	
					15 Min: 3130	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
74.00	9,384.00	5,783.00	1.3			
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
97,991.00	12,107.00		3,500.00			

Stage	Formation	Frac Type			
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>
6/20/2010	8861 - 9103		6,093.00	6,651.00	5 Min: 2738
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 2650
82.00	7,446.00	3,356.00	0.94		15 Min: 2567
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
402,666.00	9,277.00		4,500.00		

Stage	Formation	Frac Type			
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>
6/26/2010	8647 - 8889		4,775.00	5,840.00	5 Min: 2634
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 2542
81.00	6,831.00	3,158.00	0.91		15 Min: 2482
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
402,074.00	10,327.00		2,000.00		

Stage	Formation	Frac Type			
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>
6/27/2010	8347 - 8565		4,823.00	5,412.00	5 Min: 2704
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>		10 Min: 2593
81.00	6,553.00	3,252.00	0.92		15 Min: 2530
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>		
403,309.00	9,996.00		2,000.00		

Stage	Formation	Frac Type				
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>	
6/28/2010	8047 - 8289		5,366.00	5,649.00	5 Min: 2718	
					10 Min: 2610	
					15 Min: 2544	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
81.00	6,947.00	3,122.00	0.9			
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
401,897.00	9,822.00		2,000.00			

Stage	Formation	Frac Type				
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>	
6/29/2010	7747 - 7989		6,235.00	6,900.00	5 Min: 2703	
					10 Min: 2628	
					15 Min: 2501	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
90.00	8,545.00	3,008.00	0.88			
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
408,651.00	10,503.00		2,000.00			

Stage	Formation	Frac Type				
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>	
6/30/2010	7447 - 7689		7,395.00	6,665.00	5 Min: 2669	
					10 Min: 2532	
					15 Min: 2460	
<b>Avg Rate</b>	<b>Max Press PSI</b>	<b>ISIP</b>	<b>Frac Gradient</b>			
83.00	8,470.00	2,956.00	0.88			
<b>Sand Proppant</b>	<b>Water-bbl</b>	<b>SCF N2</b>	<b>Acid-Gal</b>			
403,945.00	9,778.00		2,000.00			

Stage	Formation	Frac Type			
10	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
7/1/2010	7147 - 7389		5,910.00	6,124.00	5 Min: 2698
					10 Min: 2614
					15 Min: 2552
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
81.00	7,140.00	3,133.00	0.9		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
404,747.00	9,977.00		2,000.00		

Stage	Formation	Frac Type			
11	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
7/4/2010	6847 - 7083		5,837.00	5,120.00	5 Min: 2801
					10 Min: 2651
					15 Min: 2575
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
83.00	7,078.00	3,206.00	0.91		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
401,094.00	10,056.00		2,000.00		