

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

Deviated survey is attached
API - 4701705917

Farm Name John R. Davies
Location Elevation 1180
District Unknown

Well Number 512680
QUAD West Union
County Doddridge, WV
WV

Latitude 7070 Degree 39 Minutes 17 Seconds 30
Longitude 6070 West Degree 80 Minutes 45 Seconds 0

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	1175.00	1,175.00	951.40
9 5/8	3215.00	3,215.00	1,313.00
5 1/2	10675.71	10,675.71	1,613.24

Well Work Commenced 6/15/2010

Well Work Completed 6/5/2011

Verbal Plugging

Rotary Rig X Rotary Rig

Total Depth 10,676.00

TVD 6776'

Type From
not Reported

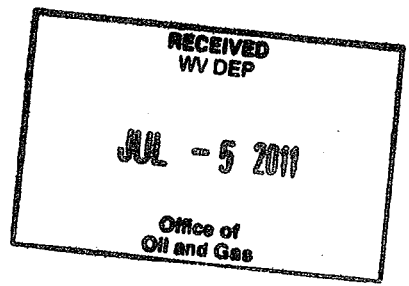
Type	From		
Coal	403.00 ft. -	406.00	ft.
Coal	675.00 ft. -	677.00	ft.

Producing Formation marcellus

Gas: Initial Open Flow n/a

Final Open Flow 6240 mcf/d

Static Rock Pressure 2688 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 6/29/2011

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	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 A	4,028.04	4,220.94	192.90
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	6,656.10	24.82
Hamilton	6,656.10	6,673.44	17.34
Marcellus	6,673.44	6,692.44	19.00
Purcell	6,692.44		

Depth	Gas	Comments
3,232.00	474	8/10 thru 4"

were core samples taken? no

were cuttings caught during drilling? yes

were electrical, mechanical, or geophysical logs run? no

Stage	Formation	Frac Type	
1	MARCELLUS	Water	
Date	From / To	# of perfs	BD Press
4/8/2011	10413 - 10655		5,460.00
Avg Rate	Max Press PSI	ISIP	Frac Gradient
86.00	9,250.00	4,664.00	1.12
Sand Proppant	Water-bbl	SCF N2	Acid-Gal
200,180.00	12,670.00		2000

SIP Detail
5 Min: 4026
10 Min: 3528
15 Min: 3202

Stage	Formation	Frac Type	
2	MARCELLUS	Slickwater	
Date	From / To	# of perfs	BD Press
4/8/2011	10113 - 10355		6,199.00
Avg Rate	Max Press PSI	ISIP	Frac Gradient
91.30	9,169.00	4,829.00	1.15
Sand Proppant	Water-bbl	SCF N2	Acid-Gal
200,130.00	9,818.00		2000

SIP Detail
5 Min: 3408
10 Min: 3073
15 Min: 2906

Stage	Formation	Frac Type	
3	MARCELLUS	Slickwater	
Date	From / To	# of perfs	BD Press
4/9/2011	9813 - 10055		5,648.00
Avg Rate	Max Press PSI	ISIP	Frac Gradient
101.90	8,326.00	5,379.00	1.23
Sand Proppant	Water-bbl	SCF N2	Acid-Gal
200,000.00	9,901.00		2000

SIP Detail
5 Min: 4339
10 Min: 3828
15 Min: 3493

Stage	Formation	Frac Type				
4	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
4/9/2011	9513 - 9755		5,668.00	7,131.00	5 Min: 4235	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
99.98	8,106.00	4,811.00	1.14	10 Min: 3781		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal	15 Min: 3486		
199,514.00	10,251.00		2000			

Stage	Formation	Frac Type				
5	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
4/9/2011	9213 - 9455		5,513.00	7,611.00	5 Min: 3734	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
99.73	8,578.00	5,025.00	1.17	10 Min: 3447		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal	15 Min: 3257		
203,355.00	9,834.00		2000			

Stage	Formation	Frac Type				
6	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
4/9/2011	8913 - 9155		5,807.00	7,486.00	5 Min: 4654	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
99.00	9,352.00	5,016.00	1.18	10 Min: 4418		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal	15 Min: 4238		
200,030.00	9,635.00		2000			

Stage	Formation	Frac Type			Summary
7	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/10/2011	8613 - 8855		5,312.00	6,840.00	5 Min: 4490
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4000
98.00	7,849.00	6,317.00	1.36		15 Min: 3720
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
199,620.00	9,844.00		2000		

Stage	Formation	Frac Type			Summary
8	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/10/2011	8313 - 8557		5,045.00	6,723.00	5 Min: 4528
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4026
100.00	7,517.00	4,812.00	1.14		15 Min: 3712
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
200,600.00	10,147.00		2000		

Stage	Formation	Frac Type			Summary
9	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/10/2011	8013 - 8257		5,907.00	6,643.00	5 Min: 4505
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4180
90.87	7,526.00	5,242.00	1.14		15 Min: 3954
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
199,198.00	9,892.00		2000		

Stage	Formation	Frac Type		Summary	
10	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/10/2011	7713 - 7955		5,110.00	6,652.00	5 Min: 4742
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4591
94.87	7,155.00	4,929.00	1.16		15 Min: 4456
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
198,600.00	9,868.00		3000		

Stage	Formation	Frac Type		Summary	
11	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
4/11/2011	7413 - 7655		5,838.00	6,612.00	5 Min: 4534
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4425
90.58	7,986.00	4,791.00	1.15		15 Min: 4308
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
199,670.00	9,868.00		3000		