

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

Deviated survey is attached

API - 4701705916

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 512685
 QUAD West Union
 County Doddridge, WV
 WV

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

Longitude 39.27224

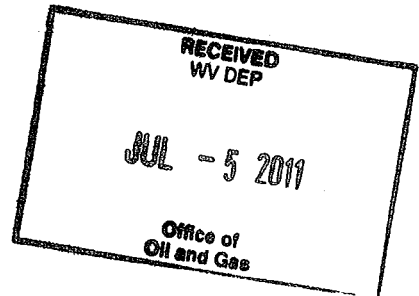
Latitude -80.77146

Agent Cecil Ray
 Inspector David Scrange
 Permit Issued 12/17/2009
 Well Work Commenced 6/29/2010
 Well Work Completed 6/2/2011
 Verbal Plugging

Casing & Tubing Size	Used In Drilling	Left in Well	Cement Cubic FT
20	40.00	40.00	10.86
13 3/8	1180.00	1,180.00	937.20
9 5/8	3227.00	3,227.00	1,192.80
5 1/2	11101.00	11,101.00	1,626.84

Rotary Rig Rotary Rig
 Total Depth 11,101.00
 TVD 6093'

Type From
 not Reported
 Producing Formation marcellus
 Gas: Initial Open Flow n/a
 Final Open Flow 4416 mcf/d
 Static Rock Pressure 2864 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

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	403.00	113.00
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

0.00

not Reported

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	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
3/12/2011	10958 - 11080		5,430.00	8,013.00	5 Min: 3644	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 2972	
98.90	8,682.00	5,475.00	1.25		15 Min: 2695	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
110,420.00	4,901.00		2000			

Stage	Formation	Frac Type				
2	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
3/12/2011	10808 - 10930		5,740.00	8,005.00	5 Min: 4530	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4097	
92.60	8,764.00	5,725.00	1.29		15 Min: 3800	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
100,000.00	5,574.00		2000			

Stage	Formation	Frac Type				
3	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
3/12/2011	10658 - 10780		5,215.00	7,633.00	5 Min: 4110	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3576	
98.70	9,291.00	5,364.00	1.23		15 Min: 3259	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
101,000.00	5,553.00		2000			

Stage	Formation	Frac Type				
4	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
3/12/2011	10508 - 10630		5,159.00	7,717.00	5 Min: 4171	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3584	
100.20	8,875.00	5,497.00	1.24		15 Min: 3243	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
101,800.00	5,435.00		3000			

Stage	Formation	Frac Type				
5	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
3/13/2011	10358 - 10480		5,476.00	7,777.00	5 Min: 3845	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3339	
98.80	8,675.00	5,091.00	1.19		15 Min: 3044	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
93,380.00	5,156.00		3000			

Stage	Formation	Frac Type				
6	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
3/13/2011	10208 - 10330		5,100.00	8,180.00	5 Min: 3906	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3245	
97.80	8,818.00	5,510.00	1.26		15 Min: 2930	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
98,140.00	5,102.00		3000			

Stage	Formation	Frac Type			Summary
7	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
3/16/2011	10058 - 10180		5,445.00	7,726.00	5 Min: 3634
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3082
98.50	8,227.00	4,926.00	1.17		15 Min: 2792
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
101,330.00	5,311.00		2000		

Stage	Formation	Frac Type			Summary
8	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
3/16/2011	9908 - 10030		5,207.00	7,799.00	5 Min: 4020
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3302
95.40	8,755.00	5,302.00	1.22		15 Min: 2952
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
98,960.00	4,915.00		2000		

Stage	Formation	Frac Type			Summary
9	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
3/16/2011	9758 - 9880		5,444.00	7,827.00	5 Min: 3807
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3183
100.00	8,697.00	4,921.00	1.16		15 Min: 2840
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
101,996.00	5,090.00		2000		

Stage	Formation	Frac Type			Summary
10	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
3/17/2011	9608 - 9728		5,216.00	8,354.00	5 Min: 3673
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3173
98.50	9,262.00	4,931.00	1.17		15 Min: 2886
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
99,760.00	5,136.00		3000		

Stage	Formation	Frac Type			Summary
11	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
3/17/2011	9458 - 9578		5,495.00	7,773.00	5 Min: 3765
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3169
98.35	8,965.00	5,145.00	1.2		15 Min: 2896
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
102,781.00	5,020.00		3000		

Stage	Formation	Frac Type			Summary
12	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
3/17/2011	9308 - 9428		5,211.00	7,927.00	5 Min: 3462
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 2981
97.60	8,422.00	5,385.00	1.24		15 Min: 2768
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
100,500.00	5,047.00		3000		

Stage	Formation	Frac Type			
13	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
3/17/2011	9158 - 9280		5,180.00	7,758.00	5 Min: 3506
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3111
97.10	8,630.00	4,861.00	1.16		15 Min: 2871
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
98,010.00	5,094.00		2000		

Stage	Formation	Frac Type			
14	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
3/17/2011	9008 - 9130		5,157.00	7,825.00	5 Min: 3804
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3273
99.00	8,764.00	5,378.00	1.23		15 Min: 2985
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
97,470.00	4,945.00		2000		

Stage	Formation	Frac Type			
15	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
3/17/2011	8858 - 8980		5,028.00	7,864.00	5 Min: 3649
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3188
101.50	9,170.00	5,048.00	1.18		15 Min: 2948
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
101,527.00	5,164.00		2000		

Stage	Formation	Frac Type		Treatment	Summary
16	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
3/18/2011	8708 - 8830		5,308.00	7,234.00	5 Min: 4114
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3486
95.00	8,792.00	5,356.00	1.23		15 Min: 3159
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
100,924.00	5,122.00		2000		

Stage	Formation	Frac Type		Treatment	Summary
17	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
3/18/2011	8708 - 8830		4,979.00	7,504.00	5 Min: 3938
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3411
99.60	7,997.00	5,340.00	1.23		15 Min: 3134
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
100,800.00	6,042.00		2000		

Stage	Formation	Frac Type		Treatment	Summary
18	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
3/18/2011	8408 - 8530		4,963.00	7,622.00	5 Min: 4482
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3876
100.20	8,358.00	5,623.00	1.27		15 Min: 3540
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
100,960.00	4,875.00		2000		

Stage	Formation	Frac Type				
19	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
3/18/2011	8258 - 8380		4,907.00	6,988.00	5 Min: 3508	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3094	
98.90	7,396.00	5,228.00	1.21		15 Min: 2860	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
102,000.00	4,892.00		2000			

Stage	Formation	Frac Type				
20	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
3/18/2011	8108 - 8230		5,228.00	7,049.00	5 Min: 4638	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4290	
100.10	8,450.00	5,574.00	1.26		15 Min: 4039	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
101,010.00	4,960.00		2000			

Stage	Formation	Frac Type				
21	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
3/18/2011	7958 - 8080		5,417.00	7,795.00	5 Min: 4190	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3722	
100.30	8,757.00	5,061.00	1.19		15 Min: 3390	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
100,945.00	5,081.00		2000			

Stage	Formation	Frac Type				
22	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
3/18/2011	7808 - 7930		5,095.00	7,548.00	5 Min: 4397	
					10 Min: 3968	
					15 Min: 3694	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
100.70	8,642.00	5,388.00	1.23			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
102,424.00	5,078.00		2000			

Stage	Formation	Frac Type				
23	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
3/19/2011	7658 - 7780		6,180.00	7,715.00	5 Min: 3634	
					10 Min: 3101	
					15 Min: 2925	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
100.60	9,194.00	4,405.00	1.09			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
99,874.00	5,264.00		2000			

Stage	Formation	Frac Type				
24	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
3/19/2011	7508 - 7630		6,323.00	8,103.00	5 Min: 3507	
					10 Min: 3148	
					15 Min: 2994	
Avg Rate	Max Press PSI	ISIP	Frac Gradient			
95.60	9,043.00	5,136.00	1.2			
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
105,300.00	4,760.00		2000			

Stage	Formation	Frac Type			
25	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
3/19/2011	7358 - 7480		6,752.00	7,863.00	5 Min: 2976
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 2699
99.70	8,664.00	4,217.00	1.07		15 Min: 2557
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
90,620.00	4,718.00		2000		