

WR-35
Rev (9-11)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 2012-03-21
API #: 91-01232

Farm name: Richard D. Knotts Operator Well No.: 513776

LOCATION: Elevation: 1328 Quadrangle: Rosemont

District: _____ County: Taylor, WV
Latitude: 39.322022 Feet South of _____ Deg. 39 Min. 20 Sec.
Longitude -80.141333 Feet West of West Deg. 80 Min. 07 Sec.

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Company: EQT Production Company

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
EQT Plaza, Suite 1700 625 Liberty Avenue, Pittsburgh, PA 15222	20	42	42	
Agent: Cecil Ray	13 3/8	859.5	859.5	784.7
Inspector: Brian Harris	9 5/8	2,629.5	2,629.5	1,003
Date Permit Issued: 2011-04-22	5 1/2	10,450.76	10,450.76	1,273.9
Date Well Work Commenced: 2011-08-03				
Date Well Work Completed: 2012-02-08				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 7,466.59				
Total Measured Depth (ft): 10,366				
Fresh Water Depth (ft.): Not Reported				
Salt Water Depth (ft.): Not Reported				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 138, 250, 610				
Void(s) encountered (N/Y) Depth(s)				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow 5,925 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 1,416 psig (surface pressure) after _____ Hours

Second producing formation _____ Pay zone depth (ft) _____

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure _____ psig (surface pressure) after _____ Hours

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this document and all the attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information I believe that the information is true, accurate, and complete.

Mike But
Signature

2012-03-21
Date

10/26/2012

Were core samples taken? Yes No

Were cuttings caught during drilling? Yes No

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list please see attached dvds

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

See Attachment

Plug Back Details Including Plug Type and Depth(s): N/A

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth
Surface:

- Fourth Sand / 2,158.4 / 2,303.78 / 145.38 --
- Fifth Sand / 2,303.78 / 2,731.8 / 428.02 --
- B-5 / 2,731.8 / 3,001.43 / 269.63 --
- Speechley / 3,001.43 / 4,275.68 / 1,274.25 --
- Benson / 4,275.68 / 6,592.32 / 2,316.64 --
- Sonyea / 6,592.32 / 6,969.59 / 377.27 --
- Middlesex / 6,969.59 / 7,035.51 / 65.92 --
- Genesee / 7,035.51 / 7,139.18 / 103.67 --
- Geneseo / 7,139.18 / 7,189.33 / 50.15 --
- Tully / 7,189.33 / 7,250.43 / 61.1 --
- Hamilton / 7,250.43 / 7,413.22 / 162.79 --
- Marcellus / 7,413.22 --
- Purcell / 7,448.4 --
- Cherry Valley / 7,483.08 --

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
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Stage	Formation	Frac Type			
1	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	
10/27/2011	10190 - 10432		6,867.00	8,257.00	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
94.50	8,728.00	6,120.00	1.26		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
398,121.00	9,931.00		2,000.00		

SIP Detail
5 Min: 5159
10 Min: 4809
15 Min: 4646

Stage	Formation	Frac Type			
2	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	
10/27/2011	9890 - 10132		7,635.00	7,837.00	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
97.90	8,550.00	5,690.00	1.2		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,140.00	9,425.00		2,000.00		

SIP Detail
5 Min: 5059
10 Min: 4775
15 Min: 4607

Stage	Formation	Frac Type			
3	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	
10/28/2011	9590 - 9832		6,623.00	7,701.00	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
99.40	8,146.00	5,851.00	1.22		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
406,468.00	9,536.00		2,000.00		

SIP Detail
5 Min: 5213
10 Min: 4997
15 Min: 4777

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
4	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
10/28/2011	9290 - 9352		7,119.00	8,062.00	5 Min: 5467
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5160
98.80	8,773.00	6,234.00	1.27		15 Min: 4939
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
397,169.00	9,968.00		2,000.00		
Stage	Formation	Frac Type			
5	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
10/28/2011	8990 - 9232		7,388.00	7,930.00	5 Min: 5522
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 5204
95.90	9,040.00	6,274.00	1.28		15 Min: 4992
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,070.00	10,642.00		2,000.00		
Stage	Formation	Frac Type			
6	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
10/28/2011	8690 - 8932		6,933.00	7,914.00	5 Min: 4811
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4579
99.20	8,606.00	5,540.00	1.18		15 Min: 4463
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
397,735.00	10,049.00		2,000.00		

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EQT	WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type				
7	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
10/28/2011	8390 - 8632		6,871.00	8,235.00	5 Min: 5001	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4736	
100.20	8,723.00	5,918.00	1.23		15 Min: 4570	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
389,645.00	9,688.00		2,000.00			
Stage	Formation	Frac Type				
8	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
10/29/2011	8090 - 8332		7,109.00	8,010.00	5 Min: 4632	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4469	
99.60	8,713.00	5,639.00	1.2		15 Min: 4392	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
381,450.00	9,380.00		2,000.00			
Stage	Formation	Frac Type				
9	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
10/29/2011	7925 - 8047		6,851.00	8,454.00	5 Min: 430	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4250	
77.20	9,266.00	4,759.00	1.08		15 Min: 4179	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
210,661.00	54.00		2,000.00			

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