

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

DATE: 2012-03-07
API #: ~~47217~~ 91-01229

Farm name: Richard D. Knotts Operator Well No.: 511400

LOCATION: Elevation: 1328 Quadrangle: Rosemont

District: Unknown County: Taylor, WV
Latitude: 39.321868 Feet South of _____ Deg. 39 Min. 20 Sec.
Longitude -80.141260 Feet West of West Deg. 80 Min. 07 Sec.

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	283.2
Agent: Cecil Ray	13 3/8	861.1	861.1	804
Inspector: Brian Harris	9 5/8	2,629.1	2,629.1	1,011.5
Date Permit Issued: <u>2011-04-22</u>	5 1/2	10,474	10,474	1,045.8
Date Well Work Commenced: <u>2011-06-30</u>				
Date Well Work Completed: <u>2012-02-14</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): <u>7615.78</u>				
Total Measured Depth (ft): <u>10,495</u>				
Fresh Water Depth (ft.): <u>Not Reported</u>				
Salt Water Depth (ft.): <u>Not Reported</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>140, 250, 500, 600</u>				
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 6,946 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 2,064 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.


Signature

2012-03-07
Date

10/26/2012

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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 Yes

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:

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 / 7,324.75 / 74.32 --

Marcellus / 7,324.75 --

Purcell / 7,448.4 --

Cherry Valley / 7,483.08 --

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