

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

Original Sent: 6/22/12

DATE: 9/11/2013 -Amended

API #: 47-049-02142

Farm name: Shirley J. Neeley, et al Operator Well No.: 512716

LOCATION: Elevation: 1,137' Quadrangle: Grant Town

District: Paw Paw County: Marion
Latitude: 6,970 Feet South of 39 Deg. 37 Min. 30 Sec.
Longitude 9,650 Feet West of 80 Deg. 12 Min. 30 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	40	40	25
Agent: Cecil Ray	13 3/8	890	890	962
Inspector: Tristan Jenkins	9 5/8	3,067	3,067	1,193
Date Permit Issued: 6/28/2011	5 1/2	11,230	11,230	1,653
Date Well Work Commenced: 8/2/2011				
Date Well Work Completed: 3/29/2012				
Verbal Plugging: N/A				
Date Permission granted on: N/A				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): <u>7,675'</u> <u>8110'</u>				
Total Measured Depth (ft): <u>11,263'</u>				
Fresh Water Depth (ft.): <u>433', 1,535'</u>				
Salt Water Depth (ft.): <u>2,745'</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>172', 201', 476'</u>				
Void(s) encountered (N/Y) Depth(s) <u>No</u>				

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

Producing formation Marcellus Pay zone depth (ft) 7,643'

Gas: Initial open flow 672 MCF/d Oil: Initial open flow 0 Bbl/d

Final open flow 10656 MCF/d Final open flow 0 Bbl/d

Time of open flow between initial and final tests 77.5 Hours

Static rock Pressure 2,400 psig (surface pressure) after 87.5 Hours

Second producing formation No second formation. Pay zone depth (ft) _____

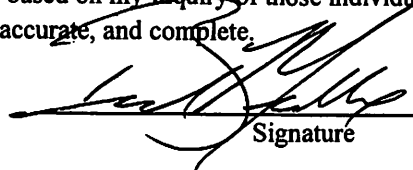
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

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

9/11/2013
Date

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Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Yes, Open Hole, MWD-Gamma, and Gyro Logs

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): (1) Pumped solid cement plug from 8,110 to 7,260'
(2) Solid cement plug from 7,260 to 6,529' (3) Solid cement plug from 6,529' to 5,649'

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

Sand & Shale / 0 / 172 / 172 -- Coal / 172 / 175 / 3 -- Sand & Shale / 175 / 201 / 26 --

Coal / 201 / 204 / 3 -- Sand & Shale / 204 / 476 / 272 -- Coal / 476 / 479 / 3 --

Sand & Shale / 479 / 3,255 / 2,776 -- Warren / 3,255 / 4,861 / 1,606 -- Benson / 4,861 / 5,139 / 277 --

Alexander / 5,139 / 6,971 / 1,832 -- Sonyea / 6,971 / 7,158 / 187 --

Middlesex / 7,158 / 7,247 / 88 -- Genesee / 7,247 / 7,368 / 120 --

Geneseo / 7,368 / 7,405 / 37 -- Tully / 7,405 / 7,462 / 57 -- Hamilton / 7,462 / 7,643 / 181 --

Marcellus / 7,643 / 7,675 / 32 --

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512716 - Perforations

Zone/Stage	Date	Top Plug Depth (ftKB)	Bottom Plug Depth (ftKB)	Top Perf Depth (ftKB)	Bottom Perf Depth (ftKB)	Shots/ft	Number of Shots
1	3/24/2012 2:40	10,963.00	NA	11,010.00	11,130.00	4	40
2	3/24/2012 13:06	10,813.00	10,963.00	10,827.00	10,949.00	4	40
3	3/24/2012 17:16	10,663.00	10,799.00	10,677.00	10,799.00	4	40
4	3/24/2012 21:26	10,513.00	10,663.00	10,527.00	10,649.00	4	40
5	3/2/2012 2:08	10,363.00	10,513.00	10,377.00	10,499.00	4	40
6	3/25/2012 8:00	10,213.00	10,363.00	10,227.00	10,349.00	4	40
7	3/26/2012 17:39	10,063.00	10,213.00	10,077.00	10,199.00	4	40
8	3/26/2012 22:50	9,913.00	10,063.00	9,927.00	10,049.00	4	40
9	3/27/2012 3:46	9,763.00	9,913.00	9,777.00	9,899.00	4	40
10	3/27/2012 8:51	9,613.00	9,763.00	9,627.00	9,749.00	4	40
11	3/27/2012 12:36	9,463.00	9,613.00	9,477.00	9,599.00	4	40
12	3/27/2012 17:00	9,313.00	9,463.00	9,327.00	9,449.00	4	40
13	3/27/2012 21:50	9,163.00	9,313.00	9,177.00	9,299.00	4	40
14	3/28/2012 2:00	9,013.00	9,163.00	9,027.00	9,149.00	4	40
15	3/28/2012 5:57	8,863.00	9,013.00	8,877.00	8,999.00	4	40
16	3/28/2012 10:05	8,713.00	8,863.00	8,727.00	8,849.00	4	40
17	3/28/2012 16:44	8,563.00	8,713.00	8,577.00	8,699.00	4	40
18	3/28/2012 20:50	8,413.00	8,563.00	8,427.00	8,549.00	4	40
19	3/29/2012 12:39	8,263.00	8,413.00	8,277.00	8,399.00	4	40
20	3/29/2012 15:50	8,112.00	8,263.00	8,127.00	8,249.00	4	40
21	3/29/2012 19:00	NA	8,112.00	7,977.00	8,099.00	4	40

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