

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: 9/4/2013
API #: 47-103-02618

Farm name: J. M. Allen Operator Well No.: 512914

LOCATION: Elevation: 941' Quadrangle: Big Run

District: Grant County: Wetzel, WV
Latitude: 10.110 Feet South of 39 Deg. 35 Min. 00 Sec.
Longitude 6.110 Feet West of 80 Deg. 30 Min. 00 Sec.

Company: EQT Production Company

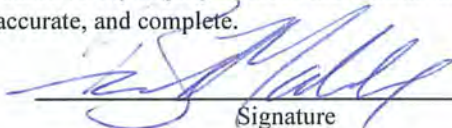
Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
EQT Plaza, Suite 1700 625 Liberty Avenue, Pittsburgh, PA 15222	30	65	65	165
Agent: Cecil Ray	13 3/8	762	762	926
Inspector: David Scranage	9 5/8	3,141	3,141	1,546
Date Permit Issued: 1/26/2011	5 1/2	9,580	9,580	1,356
Date Well Work Commenced: 1/20/2013				
Date Well Work Completed: 4/24/2013				
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): 7,118'				
Total Measured Depth (ft): 9,580'				
Fresh Water Depth (ft.): 657'				
Salt Water Depth (ft.): 1,543'				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 270, 376, 440, 534, 632, 1,140				
Void(s) encountered (N/Y) Depth(s) No				

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

Producing formation Marcellus Pay zone depth (ft) 7,087
Gas: Initial open flow _____ MCF/d Oil: Initial open flow NA Bbl/d
Final open flow NA MCF/d Final open flow NA Bbl/d
Time of open flow between initial and final tests NA Hours
Static rock Pressure NA psig (surface pressure) after NA 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

9/4/2013
Date

03/07/2014

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, MWD Gamma, Gyro, & CBL 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

No FB data at this time - will send amended report once well is flowed back

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

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

Sand/Shale / 0 / 200 / 200 -- Coal / 200 / 203 / 3 -- Sand/Shale / 203 / 457 / 254 -- Coal / 457 / 460 / 3 --
Sand/Shale / 460 / 542 / 82 -- Coal / 542 / 546 / 3 -- Sand/Shale / 546 / 630 / 84 -- Coal / 630 / 636 / 6 --
Sand/Shale / 636 / 1,732 / 1,096 -- Maxton / 1,732 / 1,853 / 121 -- Big Lime / 1,853 / 2,220 / 367 --
Weir / 2,220 / 2,425 / 225 -- Gantz / 2,425 / 2,540 / 115 -- 50F / 2,540 / 2,618 / 78 -- 30F / 2,618 / 2,668 / 50--
GORDON / 2,668 / 2,735 / 67 -- 4TH / 2,735 / 2,841 / 106 -- BAYARD / 2,841 / 3,327 / 486 -- WARREN / 3,327 / 3,469 / 142 --
SPEECHLEY / 3,469 / 3,855 / 386 -- BALLTOWN A / 3,855 / 4,314 / 459 -- RILEY / 4,314 / 4,938 / 624 --
BENSON / 4,938 / 5,356 / 418 -- ALEXANDER / 5,356 / 6,601 / 1,245 -- SONYEA / 6,601 / 6,784 / 183 --
MIDDLESEX / 6,784 / 6,841 / 57 -- GENESSEE / 6,841 / 6,932 / 91 -- GENESEO / 6,932 / 6,961 / 29 --
TULLY / 6,961 / 6,987 / 26 -- HAMILTON / 6,987 / 7,087 / 100 -- MARCELLUS / 7,087 / 7,118 / 31 --

512914 - Perforations

Zone/Stage	Date	Top Plug Depth (ftKB)	Bottom Plug Depth (ftKB)	Top Perf Depth (ftKB)	Bottom Perf Depth (ftKB)	Shots/ft
Toe Pop	11/17/13 23:28	9,333.00	NA	9,552.00	9,555.00	NA
1	11/17/13 1:10	9,333.00	NA	9,354.00	9,491.00	4
2	11/17/13 6:12	9,108.00	9,333.00	9,129.00	9,311.00	4
3	11/17/13 14:39	8,883.00	9,108.00	8,904.00	9,086.00	4
4	11/17/13 19:05	8,658.00	8,883.00	8,679.00	8,861.00	4
5	11/18/13 2:25	8,433.00	8,658.00	8,454.00	8,636.00	4
6	11/18/13 8:24	8,208.00	8,433.00	8,229.00	8,411.00	4
7	11/18/13 15:12	7,983.00	8,208.00	8,003.00	8,182.00	4
8	11/18/13 21:18	7,758.00	7,983.00	7,779.00	7,961.00	4
9	11/19/13 1:27	NA	7,758.00	7,554.00	7,736.00	4

512914 - Stimulated Stages

Zone/Stage	P Break (psi)	Avg Treat Pressure (psi)	Avg rate (bbl/min)	ISIP (psi)	Frac Gradient (psi/ft)	15 Min. SIP (psi)	Fluid Volume (bbl)	Start Date	End Date	Proppant (lb)
Toe Pop	NA	7,227.00	15.5	NA	NA	NA	557	11/17/2013 22:28	11/17/2013 22:48	NA
1	8,555.00	8,365.00	99.6	5,082.00	1.15	4,356.00	7,219	11/17/2013 2:38	11/17/2013 4:10	298,154
2	7,920.00	8,038.00	100.1	5,509.00	1.21	4,519.00	7,484	11/17/2013 8:56	11/17/2013 10:33	299,510
3	8,772.00	8,024.00	99.1	5,510.00	1.21	4,636.00	7,427	11/17/2013 16:03	11/17/2013 17:41	300,804
4	6,925.00	7,865.00	96.6	6,207.00	1.31	8,634.00	7,227	11/17/2013 23:30	11/18/2013 1:06	297,758
5	7,701.00	8,114.00	100.2	6,185.00	1.3	5,413.00	7,404	11/18/2013 5:20	11/18/2013 6:56	299,800
6	7,881.00	7,935.00	99.7	6,233.00	1.31	5,506.00	6,233	11/18/2013 12:28	11/18/2013 14:03	300,950
7	7,738.00	7,961.00	100.0	6,261.00	1.31	5,334.00	7,464	11/18/2013 17:50	11/18/2013 19:54	264,790
8	6,733.00	7,826.00	99.9	6,039.00	1.28	5,380.00	7,310	11/18/2013 22:28	11/18/2013 23:58	302,174
9	7,666.00	7,602.00	97.6	5,110.00	1.15	4,608.00	7,158	11/19/2013 3:00	11/19/2013 4:33	300,883