

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: 9/25/13
API #: 47-103-02898

Farm name: Kathy S. Edgell Operator Well No.: 513867

LOCATION: Elevation: 924' Quadrangle: Big Run

District: Grant County: Wetzel, WV
Latitude: 44⁸ Feet South of 39 Deg. 35 Min. 00 Sec.
Longitude 9.983 Feet West of 80 Deg. 35 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	26	40	40	58
Agent: Cecil Ray	13 3/8	357	357	484
Inspector: Bill Hatfield	9 5/8	2,945	2,945	1,166
Date Permit Issued: 6/14/13	5 1/2	10,978	10,978	1,875
Date Well Work Commenced: 6/14/13				
Date Well Work Completed: 6/30/13				
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): 6,813'				
Total Measured Depth (ft): 11,002'				
Fresh Water Depth (ft.): 282'				
Salt Water Depth (ft.): 1,900'				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 178', 538', 643', 1,153', 1,503', 1,526'				
Void(s) encountered (N/Y) Depth(s) No				

APPROVED

NAME: [Signature]
DATE: 3-16-16

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

Producing formation Geneseo Pay zone depth (ft) 6,800
Gas: Initial open flow 2,046 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 8,570 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 87 Hours
Static rock Pressure 1,301 psig (surface pressure) after 93 Hours

Second producing formation N/A 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

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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]
Signature

9/25/13
Date

AXWS
03/21/16
03/25/2016

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 MWD, Gamma, & 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

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

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

Sand / Shale / 0 / 178 / 178 -- Coal / 178 / 181 / 3 --
Sand / Shale / 181 / 538 / 357 -- Coal / 538 / 540 / 2 -- Sand / Shale / 540 / 643 / 103 --
Coal / 643 / 646 / 3 -- Sand / Shale / 646 / 1,153 / 507 -- Coal / 1,153 / 1,155 / 2 --
Sand / Shale / 1,155 / 1,503 / 348 -- Coal / 1,503 / 1,505 / 2 -- Sand / Shale / 1,505 / 1,526 / 21 --
Coal / 1,526 / 1,532 / 6 -- Sand / Shale / 1,532 / 1,773 / 241 -- Maxton / 1,773 / 1,889 / 117 -- --
Big Lime / 1,889 / 2,271 / 381 -- Weir / 2,271 / 2,445 / 174 -- Gantz / 2,445 / 2,596 / 151 --
Fifty foot / 2,596 / 2,667 / 71 -- Thirty foot / 2,667 / 2,712 / 47 -- Gordon / 2,714 / 2,801 / 87 --
Forth Sand / 2,801 / 2,853 / 52 -- Bayard / 2,853 / 3,386 / 533 -- Warren / 3,386 / 3,532 / 146 --
Speechley / 3,532 / 3,900 / 368 -- Balltown A / 3,900 / 4,354 / 454 -- Riley / 4,354 / 5,011 / 657 --
Benson / 5,011 / 5,366 / 355 -- Alexander / 5,366 / 5,400 / 34 -- Elks / 5,400 / 6,518 / 1,118 --
Sonyea / 6,518 / 6,690 / 172 -- Middlesex / 6,690 / 6,726 / 36 -- Genesee / 6,726 / 6,800 / 74 --
Geneseo / 6,800 / 6,813 / 13

513867 - Perforations

Zone/Stage	Date	Top Plug Depth (ftKB)	Bottom Plug Depth (ftKB)	Top Perf Depth (ftKB)	Bottom Perf Depth (ftKB)	Shots/ft
1	8/27/13 19:34	10,631.00	NA	10,645.00	10,766.00	4
2	8/28/13 0:41	10,481.00	10,631.00	10,495.00	10,617.00	4
3	8/28/13 5:22	10,331.00	10,481.00	10,345.00	10,467.00	4
4	8/28/13 13:45	10,181.00	10,331.00	10,195.00	10,317.00	4
5	8/28/13 19:22	10,029.00	10,181.00	10,045.00	10,162.00	4
6	8/29/13 0:29	9,881.00	10,029.00	9,895.00	10,017.00	4
7	8/29/13 4:03	9,731.00	9,881.00	9,745.00	9,867.00	4
8	8/29/13 7:09	9,581.00	9,731.00	9,600.00	9,717.00	4
9	8/29/13 11:50	9,431.00	9,581.00	9,445.00	9,567.00	4
10	8/30/13 0:30	9,281.00	9,431.00	9,295.00	9,417.00	4
11	8/30/13 3:55	9,131.00	9,281.00	9,145.00	9,267.00	4
12	8/30/13 7:53	8,981.00	9,131.00	8,995.00	9,117.00	4
13	8/30/13 12:00	8,831.00	8,981.00	8,845.00	8,967.00	4
14	8/30/13 16:00	8,681.00	8,831.00	8,695.00	8,817.00	4
15	8/30/13 20:27	8,531.00	8,681.00	8,546.00	8,667.00	4
16	8/31/13 0:11	8,381.00	8,531.00	8,395.00	8,517.00	4
17	8/31/13 4:02	8,231.00	8,381.00	8,245.00	8,362.00	4
18	8/31/13 10:04	8,081.00	8,231.00	8,095.00	8,217.00	4
19	9/1/13 14:52	7,931.00	8,081.00	7,945.00	8,067.00	4
20	9/3/13 21:55	7,781.00	7,931.00	7,798.00	7,917.00	4
21	9/4/13 1:15	7,631.00	7,781.00	7,645.00	7,767.00	4
22	9/4/13 4:34	NA	7,631.00	7,495.00	7,617.00	4

513867 - 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)	Vol Water Pump (bbl)	Start Date	End Date	Proppant (lb)
Toe Pop	NA	8,961.00	7.5	NA	NA	NA	665	8/27/2013 8:22	8/27/2013 16:29	NA
1	NA	7,508.00	88.9	3,873.00	1	3,503.00	6506	8/27/2013 21:38	8/27/2013 23:15	204,429
2	7,750.00	7,864.00	88.2	3,973.00	1.02	3,558.00	5390	8/28/2013 3:22	8/28/2013 4:44	202,065
3	7,481.00	7,945.00	93.4	3,997.00	1.02	3,538.00	5422	8/28/2013 11:44	8/28/2013 13:22	203,348
4	7,718.00	8,148.00	93.4	4,198.00	1.05	3,587.00	5393	8/28/2013 16:48	8/28/2013 18:07	201,100
5	7,910.00	8,357.00	92	4,203.00	1.05	3,695.00	5448	8/28/2013 21:51	8/28/2013 23:13	200,337
6	7,526.00	8,252.00	95.4	4,098.00	1.06	3,558.00	5292	8/29/2013 1:36	8/29/2013 2:50	199,179
7	7,634.00	7,705.00	96	4,393.00	1.08	3,688.00	5357	8/29/2013 5:14	8/29/2013 6:43	197,920
8	7,275.00	7,526.00	100.2	4,116.00	1.04	3,656.00	5149	8/29/2013 9:59	8/29/2013 11:27	199,550
9	7,671.00	7,787.00	94.5	4,097.00	1.03	3,669.00	5324	8/29/2013 21:46	8/29/2013 23:00	200,746
10	7,642.00	7,993.00	95.4	4,205.00	1.05	3,636.00	5008	8/30/2013 2:12	8/30/2013 3:23	200,006
11	6,701.00	7,950.00	100.4	4,269.00	1.06	3,810.00	5123	8/30/2013 6:10	8/30/2013 7:36	199,980
12	7,056.00	8,152.00	99	4,339.00	1.07	3,721.00	4817	8/30/2013 10:15	8/30/2013 11:37	200,030
13	6,341.00	7,317.00	100.4	4,242.00	1.06	3,721.00	4889	8/30/2013 14:17	8/30/2013 15:23	199,370
14	8,331.00	7,570.00	100	4,287.00	1.06	3,714.00	4887	8/30/2013 18:01	8/30/2013 19:10	199,530
15	6,836.00	7,280.00	97.3	4,380.00	1.08	3,822.00	4891	8/30/2013 21:51	8/30/2013 23:01	199,737
16	7,818.00	7,389.00	98.3	4,309.00	1.07	3,817.00	5126	8/31/2013 2:13	8/31/2013 3:22	200,243
17	7,394.00	7,307.00	99.5	4,257.00	1.06	3,678.00	4696	8/31/2013 7:14	8/31/2013 8:40	199,860
18	6,903.00	7,271.00	99.5	4,244.00	1.06	3,604.00	4855	9/3/2013 13:05	9/3/2013 14:11	200,010
19	8,070.00	8,006.00	88.6	3,973.00	1.02	3,457.00	5066	9/3/2013 19:22	9/3/2013 20:46	200,343
20	6,928.00	7,669.00	98.7	4,219.00	1.05	3,578.00	4842	9/3/2013 22:57	9/4/2013 0:04	198,214
21	6,799.00	7,499.00	97.8	4,291.00	1.06	3,674.00	4911	9/4/2013 2:15	9/4/2013 3:28	200,792
22	7,254.00	7,475.00	100.4	4,218.00	1.05	3,593.00	4452	9/4/2013 6:22	9/4/2013 7:41	200,130