

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: 10/2/13
API #: 47-103-02899

Farm name: Kathy S. Edgell Operator Well No.: 513868

LOCATION: Elevation: 924' Quadrangle: Big Run

District: Grant County: Wetzel, WV
Latitude: 455 Feet South of 39 Deg. 35 Min. 00 Sec.
Longitude: 8977 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.
<u>EQT Plaza, Suite 1700</u>				
<u>625 Liberty Avenue, Pittsburgh, PA 15222</u>	<u>26</u>	<u>40</u>	<u>40</u>	<u>58</u>
Agent: <u>Cecil Ray</u>	<u>13 3/8</u>	<u>359</u>	<u>359</u>	<u>484</u>
Inspector: <u>Bill Hatfield</u>	<u>9 5/8</u>	<u>2,940</u>	<u>2,940</u>	<u>1,227</u>
Date Permit Issued: <u>6/14/13</u>	<u>5 1/2</u>	<u>10,510</u>	<u>10,510</u>	<u>1,773</u>
Date Well Work Commenced: <u>6/14/13</u>				
Date Well Work Completed: <u>7/13/13</u>				
Verbal Plugging: <u>N/A</u>				
Date Permission granted on: <u>N/A</u>				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): <u>6,810'</u>				
Total Measured Depth (ft): <u>10,516'</u>				
Fresh Water Depth (ft.): <u>282'</u>				
Salt Water Depth (ft.): <u>1,900'</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>178', 538', 643', 1,153', 1,503', 1,526'</u>				
Void(s) encountered (N/Y) Depth(s) <u>N/A</u>				

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WV Department of Environmental Protection

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

Producing formation Genesee Pay zone depth (ft) 6,800'
Gas: Initial open flow 1,426 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 6,192 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 93 Hours
Static rock Pressure 1,313 psig (surface pressure) after 104 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

APPROVED

NAME: [Signature]

DATE: 3-16-16

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

10-2-13
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 log

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 / 6,810 / 10

513868 - Perforations

<i>Zone/Stage</i>	<i>Date</i>	<i>Top Plug Depth (ftKB)</i>	<i>Bottom Plug Depth (ftKB)</i>	<i>Top Perf Depth (ftKB)</i>	<i>Bottom Perf Depth (ftKB)</i>	<i>Shots/ft</i>	<i>Number of Shots</i>
1	9/5/2013 4:00	10,349.00	NA	10,363.00	10,455.00	4	32
2	9/5/2013 6:55	10,199.00	10,349.00	10,213.00	10,335.00	4	40
3	9/5/2013 9:33	10,049.00	10,199.00	10,063.00	10,185.00	4	40
4	9/5/2013 16:06	9,899.00	10,049.00	9,916.00	10,035.00	4	40
5	9/5/2013 23:18	9,749.00	9,899.00	9,763.00	9,885.00	4	40
6	9/6/2013 2:48	9,599.00	9,749.00	9,613.00	9,731.00	4	40
7	9/6/2013 6:03	9,449.00	9,599.00	9,463.00	9,585.00	4	40
8	9/6/2013 10:08	9,299.00	9,449.00	9,313.00	9,435.00	4	40
9	9/6/2013 15:10	9,149.00	9,299.00	9,163.00	9,285.00	4	40
10	9/6/2013 19:45	8,999.00	9,149.00	9,013.00	9,135.00	4	40
11	9/6/2013 23:31	8,849.00	8,999.00	8,863.00	8,985.00	4	40
12	9/7/2013 2:55	8,699.00	8,849.00	8,713.00	8,835.00	4	40
13	9/7/2013 6:03	8,549.00	8,699.00	8,563.00	8,685.00	4	40
14	9/7/2013 10:28	8,399.00	8,549.00	8,413.00	8,535.00	4	40
15	9/7/2013 14:19	8,249.00	8,399.00	8,263.00	8,385.00	4	40
16	9/7/2013 17:00	8,099.00	8,249.00	8,118.00	8,235.00	4	40
17	9/7/2013 22:11	7,949.00	8,099.00	7,963.00	8,085.00	4	40
18	9/8/2013 1:28	7,799.00	7,949.00	7,813.00	7,934.00	4	40
19	9/8/2013 4:27	7,649.00	7,799.00	7,663.00	7,783.00	4	40
20	9/8/2013 6:52	7,499.00	7,649.00	7,513.00	7,635.00	4	40
21	9/8/2013 11:00	NA	7,499.00	7,363.00	7,485.00	4	40

513868 - 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	8,691.00	6	NA	NA	NA	914	9/4/2013 21:00	9/5/2013 2:00	NA
1	8,006.00	7,660.00	92.8	3,773.00	0.99	3,387.00	5384	9/5/2013 5:06	9/5/2013 6:34	199,494
2	6,650.00	7,675.00	97.6	3,853.00	1	3,309.00	4916	9/5/2013 9:33	9/5/2013 11:02	199,890
3	6,729.00	7,330.00	99.5	3,819.00	0.99	3,375.00	5506	9/5/2013 13:57	9/5/2013 15:30	200,350
4	6,996.00	7,558.00	99.3	3,992.00	1.02	3,544.00	5360	9/5/2013 20:31	9/5/2013 21:46	199,165
5	6,934.00	7,776.00	97.2	4,491.00	1.09	3,730.00	5278	9/6/2013 0:14	9/6/2013 1:26	198,177
6	5,055.00	7,786.00	100	4,258.00	1.06	3,799.00	5273	9/6/2013 3:39	9/6/2013 4:50	198,911
7	6,880.00	7,934.00	100	4,320.00	1.07	3,730.00	4949	9/6/2013 8:17	9/6/2013 9:27	200,285
8	6,368.00	7,765.00	99.6	4,309.00	1.07	3,805.00	5357	9/6/2013 13:19	9/6/2013 14:48	199,800
9	7,131.00	8,167.00	93.9	4,663.00	1.12	3,789.00	5025	9/6/2013 17:16	9/6/2013 18:30	200,118
10	7,002.00	8,113.00	95.5	4,484.00	1.09	3,791.00	5140	9/6/2013 21:06	9/6/2013 22:19	200,009
11	5,210.00	8,359.00	87.4	4,396.00	1.08	3,789.00	5129	9/7/2013 0:25	9/7/2013 1:39	200,426
12	6,432.00	7,905.00	97.7	4,453.00	1.09	3,821.00	5103	9/7/2013 4:13	9/7/2013 5:23	200,294
13	6,297.00	7,302.00	100	4,446.00	1.09	3,911.00	4904	9/7/2013 8:44	9/7/2013 10:08	200,060
14	6,548.00	7,483.00	98	4,439.00	1.09	3,858.00	4840	9/7/2013 12:38	9/7/2013 13:47	200,000
15	7,450.00	7,251.00	100.1	4,522.00	1.1	3,964.00	4909	9/7/2013 16:35	9/7/2013 17:57	200,365
16	5,889.00	7,122.00	100.5	4,508.00	1.1	4,039.00	5062	9/7/2013 19:49	9/7/2013 20:58	199,533
17	6,748.00	7,765.00	94.3	4,358.00	1.07	3,954.00	4957	9/7/2013 23:07	9/8/2013 0:18	201,196
18	6,742.00	7,268.00	100.9	4,412.00	1.08	3,910.00	4981	9/8/2013 2:13	9/8/2013 3:20	202,089
19	6,530.00	7,254.00	100.6	4,463.00	1.09	3,917.00	4987	9/8/2013 5:12	9/8/2013 6:34	200,230
20	6,711.00	7,047.00	100.7	4,434.00	1.09	3,827.00	4885	9/8/2013 9:16	9/8/2013 10:39	194,430
21	6,752.00	7,009.00	100.6	4,436.00	1.09	3,902.00	4975	9/8/2013 12:48	9/8/2013 14:12	200,590