

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: 9/23/2013
API #: 47-103-02862

Farm name: Sharon Scyoc Operator Well No.: 513985

LOCATION: Elevation: 1,458' Quadrangle: Pine Grove

District: Grant County: Wetzel, WV
Latitude: 6,590' Feet South of 39 Deg. 35 Min. 00 Sec.
Longitude 441' Feet West of 80 Deg. 37 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	26	60	60	86
Agent: Cecil Ray	13 3/8	831	831	909
Inspector: David Scranage	9 5/8	3,575	3,575	1,446
Date Permit Issued: 2/14/2013	5 1/2	13,781	13,781	2,124
Date Well Work Commenced: 2/18/2013				
Date Well Work Completed: 5/20/2013				
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): 7,351'				
Total Measured Depth (ft): 13,781'				
Fresh Water Depth (ft.): 664'				
Salt Water Depth (ft.): No visible show				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 1,155'				
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 Geneseo Pay zone depth (ft) 7324
Gas: Initial open flow 1618 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 6672 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 120 Hours
Static rock Pressure 1320 psig (surface pressure) after 125.5 Hours

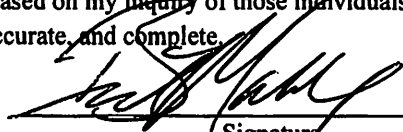
Second producing formation No second formation Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

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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

10/3/2013
Date

11/01/2013

103.02862

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, 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

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

Formations Encountered: Surface:	Top Depth	/	Bottom Depth
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Sand / Shale / 0 / 411 / 411 - Mapletown Coal / 411 / 417 / 6 --			
Sand / Shale / 417 / 1190 / 773 -- Pittsburgh Coal / 1190 / 1197 / 7 -- Sand / Shale / 1197 / 1208 / 11 --			
Coal / 1208 / 1214 / 6 -- Sand / Shale / 1214 / 2305 / 1091 -- Maxton / 2305 / 2522 / 217 --			
Big Lime / 2522 / 2649 / 127 -- Big Injun / 2649 / 2794 / 145 -- Weir / 2794 / 2993 / 199 --			
Gantz / 2993 / 3113 / 120 -- Fifty foot / 3113 / 3189 / 76 -- Thirty foot / 3189 / 3241 / 52 --			
Gordon / 3241 / 3223 / 82 -- Forth Sand / 3323 / 3449 / 126 -- Bayard / 3449 / 3901 / 452 --			
Warren / 3901 / 4052 / 151 -- Speechley / 4052 / 5565 / 1513 -- Benson / 5565 / 5881 / 316 --			
Alexander / 5881 / 5922 / 41 -- Elks / 5922 / 7033 / 1111 -- Sonyea / 7,033 / 7201 / 168 --			
Middlesex / 7201 / 7241 / 40 -- Genesee / 7241 / 7324 / 83 -- Geneseo / 7324 / 7351 / 26			

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513985 - 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	7/24/2013 12:45	NA	13,619.00	13,725.00	13,633.00	4	32
2	7/24/2013 18:16	13,619.00	13,469.00	13,605.00	13,483.00	4	40
3	7/25/2013 11:13	13,469.00	13,319.00	13,455.00	13,333.00	4	40
4	7/25/2013 19:45	13,319.00	13,169.00	13,305.00	13,183.00	4	40
5	7/26/2013 0:50	13,169.00	13,019.00	13,155.00	13,033.00	4	40
6	7/26/2013 5:30	13,019.00	12,869.00	13,005.00	12,883.00	4	40
7	7/26/2013 13:34	12,869.00	12,719.00	12,855.00	12,733.00	4	40
8	7/26/2013 17:45	12,719.00	12,569.00	12,705.00	12,583.00	4	40
9	7/26/2013 23:00	12,569.00	12,419.00	12,555.00	12,433.00	4	40
10	7/27/2013 3:26	12,419.00	12,269.00	12,405.00	12,283.00	4	40
11	7/27/2013 10:50	12,269.00	12,119.00	12,255.00	12,133.00	4	40
12	7/27/2013 15:44	12,119.00	11,969.00	12,105.00	11,983.00	4	40
13	7/27/2013 20:45	11,969.00	11,819.00	11,955.00	11,833.00	4	40
14	7/28/2013 0:52	11,819.00	11,669.00	11,805.00	11,683.00	4	40
15	7/28/2013 6:34	11,669.00	11,519.00	11,655.00	11,533.00	4	40
16	7/28/2013 14:38	11,519.00	11,369.00	11,505.00	11,383.00	4	40
17	7/28/2013 18:52	11,369.00	11,219.00	11,355.00	11,233.00	4	40
18	7/28/2013 23:35	11,219.00	11,069.00	11,205.00	11,083.00	4	40
19	7/29/2013 4:20	11,069.00	10,919.00	11,055.00	10,935.00	4	40
20	7/29/2013 13:01	10,919.00	10,769.00	11,905.00	10,783.00	4	40
21	7/29/2013 17:08	10,769.00	10,619.00	10,755.00	10,633.00	4	40
22	7/29/2013 21:20	10,619.00	10,469.00	10,605.00	10,483.00	4	40
23	7/30/2013 2:40	10,469.00	10,319.00	10,455.00	10,333.00	4	40
24	7/30/2013 6:43	10,319.00	10,169.00	10,305.00	10,183.00	4	40
25	7/30/2013 11:13	10,169.00	10,019.00	10,155.00	10,033.00	4	40
26	7/30/2013 16:01	10,019.00	9,869.00	10,005.00	9,883.00	4	40
27	7/31/2013 0:00	9,869.00	9,719.00	9,855.00	9,733.00	4	40
28	7/31/2013 6:49	9,719.00	9,569.00	9,705.00	9,583.00	4	40
29	7/31/2013 10:59	9,569.00	9,419.00	9,555.00	9,433.00	4	40
30	7/31/2013 17:15	9,419.00	9,269.00	9,405.00	9,283.00	4	40
31	7/31/2013 21:31	9,269.00	9,119.00	9,255.00	9,133.00	4	40
32	8/1/2013 1:40	9,119.00	8,969.00	9,105.00	8,983.00	4	40
33	8/1/2013 6:15	8,969.00	8,819.00	8,955.00	8,833.00	4	40
34	8/1/2013 10:41	8,819.00	8,669.00	8,805.00	8,683.00	4	40
35	8/1/2013 16:25	8,669.00	8,519.00	8,655.00	8,533.00	4	40
36	8/1/2013 21:00	8,519.00	8,369.00	8,505.00	8,383.00	4	40
37	8/2/2013 3:55	8,369.00	8,219.00	8,355.00	8,233.00	4	40
38	8/2/2013 9:07	8,219.00	8,069.00	8,205.00	8,083.00	4	40
39	8/2/2013 13:54	8,069.00	7,919.00	8,055.00	7,933.00	4	40
40	8/2/2013 17:20	7,919.00	NA	7,905.00	7,783.00	4	40

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513985 - 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)
1	6,170.00	8,030.00	79.8	3,953.00	0.97	3,509.00	5,774	7/24/2013 14:52	7/24/2013 16:15	203,973
2	7,228.00	8,221.00	77.6	3,813.00	0.72	3,502.00	7,637	7/24/2013 20:37	7/25/2013 9:24	183,830
3	7,376.00	7,682.00	85	3,954.00	0.97	3,721.00	5,756	7/25/2013 16:09	7/25/2013 17:28	199,900
4	6,773.00	7,922.00	97.1	3,808.00	0.95	3,744.00	5,468	7/25/2013 18:30	7/25/2013 22:22	200,443
5	7,443.00	7,666.00	94.9	4,184.00	1	3,780.00	5,272	7/25/2013 23:45	7/26/2013 3:57	198,622
6	7,521.00	8,028.00	97	4,306.00	1	3,857.00	5,676	7/26/2013 9:00	7/26/2013 10:20	195,200
7	6,641.00	8,152.00	87	4,293.00	1.02	3,757.00	5,490	7/26/2013 14:33	7/26/2013 15:56	201,130
8	6,652.00	8,385.00	92	4,243.00	1.01	3,815.00	5,157	7/26/2013 19:42	7/26/2013 21:01	200,494
9	6,615.00	7,980.00	96.3	4,317.00	1.02	3,920.00	5,132	7/27/2013 0:30	7/27/2013 1:44	199,917
10	7,649.00	7,630.00	99	4,391.00	1.03	3,921.00	5,440	7/27/2013 7:54	7/27/2013 9:09	199,486
11	6,798.00	7,833.00	98	4,385.00	1.03	3,958.00	5,325	7/27/2013 12:47	7/27/2013 14:01	201,810
12	6,081.00	7,999.00	97	4,577.00	1.06	3,956.00	5,057	7/27/2013 18:01	7/27/2013 19:17	200,129
13	6,096.00	8,228.00	97	4,400.00	1.03	4,029.00	5,016	7/27/2013 22:08	7/27/2013 23:22	199,491
14	6,272.00	8,705.00	87	4,382.00	1.03	4,007.00	4,990	7/28/2013 2:13	7/28/2013 4:52	200,337
15	6,609.00	7,743.00	89	4,398.00	1.03	3,977.00	5,250	7/28/2013 9:22	7/28/2013 10:45	200,050
16	5,543.00	7,454.00	93	4,294.00	1.02	3,933.00	5,132	7/28/2013 16:04	7/28/2013 17:17	199,898
17	6,930.00	7,595.00	100.6	4,331.00	1.02	3,928.00	5,278	7/28/2013 22:49	7/28/2013 22:01	199,382
18	6,921.00	8,041.00	100.5	4,589.00	1.06	3,909.00	5,224	7/29/2013 0:40	7/29/2013 1:52	200,718
19	6,634.00	7,946.00	98	4,429.00	1.04	3,859.00	5,189	7/29/2013 10:14	7/29/2013 11:25	200,700
20	6,769.00	7,998.00	100	4,334.00	1.02	3,967.00	5,119	7/29/2013 14:27	7/29/2013 15:35	200,512
21	6,883.00	7,893.00	100.8	4,438.00	1.04	3,965.00	5,279	7/29/2013 18:26	7/29/2013 19:38	201,255
22	7,153.00	8,000.00	100.3	4,544.00	1.05	4,003.00	5,017	7/29/2013 23:51	7/30/2013 1:02	200,309
23	6,781.00	8,025.00	100.4	4,541.00	1.05	4,042.00	5,164	7/29/2013 4:07	7/29/2013 5:14	200,754
24	6,983.00	7,943.00	101	4,529.00	1.05	3,929.00	5,027	7/30/2013 8:34	7/30/2013 9:41	200,840
25	7,261.00	7,679.00	96	4,425.00	1.04	3,887.00	5,087	7/30/2013 13:00	7/30/2013 14:17	201,343
26	7,071.00	8,038.00	99.7	4,383.00	1.03	3,932.00	5,593	7/30/2013 17:35	7/30/2013 19:23	200,299
27	7,497.00	8,287.00	95.9	4,583.00	1.06	3,912.00	6,060	7/30/2013 2:22	7/30/2013 5:13	200,518
28	6,122.00	8,085.00	100	4,398.00	1.03	3,833.00	5,034	7/31/2013 8:18	7/31/2013 9:24	199,906
29	7,184.00	7,896.00	100	4,334.00	1.02	3,885.00	4,990	7/31/2013 12:46	7/31/2013 13:51	199,995
30	6,395.00	8,191.00	100.3	4,389.00	1.03	3,988.00	5,251	7/31/2013 19:00	7/31/2013 20:07	200,677
31	5,221.00	8,001.00	100	4,389.00	1.03	3,966.00	5,197	7/31/2013 22:55	8/1/2013 0:07	199,335
32	6,268.00	7,843.00	96.6	4,389.00	1.03	3,948.00	5,290	8/1/2013 3:39	8/1/2013 4:52	200,283
33	5,054.00	7,493.00	98	4,501.00	1.05	3,923.00	4,962	8/1/2013 8:08	8/1/2013 9:15	200,441
34	5,192.00	7,017.00	99	4,455.00	1.05	3,909.00	5,169	8/1/2013 12:06	8/1/2013 13:25	199,738
35	5,287.00	8,309.00	94.5	4,430.00	1.04	3,853.00	4,994	8/1/2013 18:20	8/1/2013 20:08	200,141
36	6,559.00	8,137.00	97.3	4,328.00	1.02	3,852.00	5,093	8/1/2013 1:09	8/2/2013 2:18	200,087
37	5,996.00	6,911.00	100	4,415.00	1.04	3,879.00	4,891	8/2/2013 5:56	8/2/2013 7:08	199,709
38	6,289.00	7,110.00	101	4,150.00	1	3,653.00	4,980	8/2/2013 10:34	8/2/2013 11:45	200,681
39	6,400.00	7,011.00	101	4,231.00	1.01	3,602.00	4,738	8/2/2013 14:48	8/2/2013 15:51	199,481
40	6,486.00	7,167.00	100.7	4,212.00	1.01	3,659.00	5,115	8/2/2013 18:38	8/2/2013 19:54	203,107

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