

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: 9/5/2013
API #: 47-103-02861

Farm name: Sharon Scyoc Operator Well No.: 513987

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

District: Grant County: Wetzel, WV
Latitude: 6,576' Feet South of 39 Deg. 35 Min. 00 Sec.
Longitude 447' 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	40	40	58
Agent: Cecil Ray	13 3/8	829	829	1,038
Inspector: David Scranage	9 5/8	3,552	3,552	1,451
Date Permit Issued: 2/14/2013	5 1/2	13,770	13,770	2,607
Date Well Work Commenced: 2/18/2013				
Date Well Work Completed: 5/28/2013				
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): 7,335'				
Total Measured Depth (ft): 13,770'				
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				

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

Producing formation Geneseo Pay zone depth (ft) 7,330
Gas: Initial open flow 1152 MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 5808 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 89 Hours
Static rock Pressure 1090 psig (surface pressure) after 96 Hours

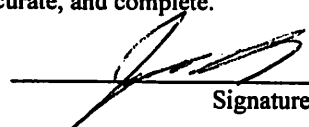
Second producing formation No second formation Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface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

Office of Oil and Gas

OCT 09 2013

WV Department of Environmental Protection

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

9/5/2013
Date

11/22/2013

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: _____ Top Depth _____ / _____ Bottom Depth
Surface:

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 / 2306 / 1092 -- Maxton / 2306 / 2523 / 217 --

Big Lime / 2523 / 2650 / 127 -- Big Injun / 2650 / 2795 / 145 -- Weir / 2795 / 2994 / 199 --

Gantz / 2994 / 3114 / 120 -- Fifty foot / 3114 / 3190 / 76 -- Thirty foot / 3190 / 3242 / 52 --

Gordon / 3242 / 3324 / 82 -- Forth Sand / 3324 / 3450 / 126 -- Bayard / 3450 / 3902 / 452 --

Warren / 3902 / 4053 / 151 -- Speechley / 4053 / 4898 / 845 -- Riley / 4898 / 5566 / 668 --

Benson / 5566 / 5882 / 316 -- Alexander / 5882 / 7034 / 1152 -- Sonyea / 7034 / 7202 / 168 --

Middlesex / 7202 / 7245 / 43 -- Genesee / 7245 / 7330 / 85 -- Geneseo / 7330 / 7335 / 15 --

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513987 - 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	8/3/2013 15:32	13,606.00	NA	13,620.00	13,712.00	4	32
2	8/3/2013 20:10	13,456.00	13,606.00	13,470.00	13,592.00	4	40
3	8/4/2013 1:30	13,306.00	13,456.00	13,320.00	13,442.00	4	40
4	8/4/2013 6:14	13,156.00	13,306.00	13,170.00	13,292.00	4	40
5	8/4/2013 12:43	13,006.00	13,156.00	13,020.00	13,142.00	4	40
6	8/4/2013 15:39	12,856.00	13,006.00	12,870.00	12,992.00	4	40
7	8/4/2013 20:25	12,706.00	12,856.00	12,720.00	12,842.00	4	40
8	8/5/2013 2:25	12,556.00	12,706.00	12,570.00	12,692.00	4	40
9	8/5/2013 7:50	12,406.00	12,556.00	12,420.00	12,542.00	4	40
10	8/5/2013 12:30	12,256.00	12,406.00	12,270.00	12,392.00	4	40
11	8/5/2013 17:30	12,106.00	12,256.00	12,120.00	12,242.00	4	40
12	8/6/2013 5:42	11,956.00	12,106.00	11,970.00	12,092.00	4	40
13	8/6/2013 9:44	11,806.00	11,956.00	11,820.00	11,942.00	4	40
14	8/6/2013 14:33	11,656.00	11,806.00	11,670.00	11,792.00	4	40
15	8/7/2013 1:04	11,506.00	11,656.00	11,520.00	11,692.00	4	40
16	8/7/2013 5:20	11,356.00	11,506.00	11,370.00	11,492.00	4	40
17	8/7/2013 11:14	11,206.00	11,356.00	11,220.00	11,342.00	4	40
18	8/7/2013 15:39	11,056.00	11,206.00	11,070.00	11,192.00	4	40
19	8/7/2013 22:43	10,906.00	11,056.00	10,920.00	11,042.00	4	40
20	8/8/2013 2:46	10,756.00	10,906.00	10,770.00	10,892.00	4	40
21	8/8/2013 7:38	10,606.00	10,756.00	10,620.00	10,742.00	4	40
22	8/8/2013 12:03	10,456.00	10,606.00	10,470.00	10,592.00	4	40
23	8/8/2013 16:37	10,306.00	10,456.00	10,320.00	10,442.00	4	40
24	8/8/2013 20:58	10,156.00	10,306.00	10,170.00	10,292.00	4	40
25	8/9/2013 1:41	10,006.00	10,156.00	10,020.00	10,142.00	4	40
26	8/9/2013 6:17	9,856.00	10,006.00	9,870.00	9,992.00	4	40
27	8/9/2013 15:52	9,706.00	9,856.00	9,720.00	9,842.00	4	40
28	8/9/2013 20:13	9,556.00	9,706.00	9,570.00	9,692.00	4	40
29	8/10/2013 3:33	9,406.00	9,556.00	9,420.00	9,542.00	4	40
30	8/10/2013 7:00	9,256.00	9,406.00	9,270.00	9,392.00	4	40
31	8/10/2013 11:23	9,106.00	9,256.00	9,120.00	9,242.00	4	40
32	8/10/2013 15:42	8,956.00	9,106.00	8,970.00	9,092.00	4	40
33	8/10/2013 19:17	8,806.00	8,956.00	8,820.00	8,942.00	4	40
34	8/10/2013 23:38	8,656.00	8,806.00	8,670.00	8,792.00	4	40
35	8/11/2013 6:19	8,506.00	8,656.00	8,520.00	8,642.00	4	40
36	8/11/2013 10:54	8,356.00	8,506.00	8,370.00	8,492.00	4	40
37	8/11/2013 15:41	8,206.00	8,356.00	8,220.00	8,342.00	4	40
38	8/11/2013 19:16	8,056.00	8,206.00	8,070.00	8,192.00	4	40
39	8/11/2013 22:30	7,906.00	8,056.00	7,920.00	8,042.00	4	40
40	8/12/2013 1:45	7,756.00	7,906.00	7,770.00	7,892.00	4	40
41	8/12/2013 5:09	NA	7,756.00	7,620.00	7,742.00	4	40

513987 - 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	7,762.00	7,947.00	95	3,941.00	0.97	3,634.00	5926	8/3/2013 17:30	8/3/2013 18:00	201,400
2	6,459.00	8,629.00	82.8	4,089.00	0.99	3,770.00	4964	8/3/2013 22:13	8/3/2013 23:36	196,700
3	6,740.00	8,688.00	82.7	4,235.00	1.01	3,900.00	5100	8/4/2013 1:05	8/4/2013 4:30	202,300
4	6,894.00	8,642.00	86	4,402.00	1.03	3,926.00	4660	8/4/2013 7:44	8/4/2013 9:05	199,800
5	6,047.00	8,307.00	93	4,379.00	1.03	3,946.00	4858	8/4/2013 12:43	8/4/2013 13:59	199,800
6	6,897.00	8,275.00	95.7	4,446.00	1.04	3,898.00	5028	8/4/2013 17:28	8/4/2013 18:47	200,700
7	7,096.00	8,348.00	91.3	4,542.00	1.05	4,013.00	5070	8/4/2013 23:26	8/5/2013 0:43	202,600
8	7,078.00	8,049.00	92	4,506.00	1.05	4,094.00	5088	8/5/2013 4:21	8/5/2013 5:38	200,900
9	6,136.00	8,226.00	93	4,522.00	1.05	4,012.00	4728	8/5/2013 9:27	8/5/2013 10:44	200,100
10	6,818.00	8,375.00	90	4,485.00	1.04	4,104.00	5498	8/5/2013 14:18	8/5/2013 15:45	199,900
11	6,795.00	8,050.00	95.4	4,547.00	1.05	4,070.00	5031	8/6/2013 2:42	8/6/2013 3:55	201,900
12	7,663.00	8,088.00	95	4,602.00	1.06	4,146.00	4945	8/6/2013 7:06	8/6/2013 0:00	198,700
13	7,136.00	7,759.00	94.6	4,534.00	1.05	4,021.00	4039	8/6/2013 10:54	8/6/2013 11:55	152,400
14	7,419.00	7,947.00	90.1	4,735.00	1.08	4,085.00	4864	8/6/2013 22:23	8/6/2013 23:35	200,600
15	6,946.00	7,990.00	91.7	4,597.00	1.06	4,101.00	4610	8/7/2013 2:34	8/7/2013 3:45	197,600
16	6,852.00	7,759.00	93.3	4,616.00	1.06	4,122.00	5021	8/7/2013 8:31	8/7/2013 9:46	200,200
17	6,497.00	7,882.00	89.4	4,835.00	1.09	4,107.00	4895	8/7/2013 13:03	8/7/2013 14:17	199,500
18	7,551.00	8,092.00	93.5	4,846.00	1.09	4,122.00	4988	8/7/2013 20:05	8/7/2013 21:17	201,500
19	7,061.00	8,294.00	90.4	4,626.00	1.06	4,116.00	5026	8/8/2013 0:04	8/8/2013 1:20	200,400
20	7,393.00	8,205.00	94.5	4,498.00	1.04	4,149.00	4890	8/8/2013 4:47	8/8/2013 6:05	199,500
21	7,187.00	8,161.00	95.4	4,624.00	1.06	4,165.00	4770	8/8/2013 9:35	8/8/2013 10:46	198,200
22	6,858.00	8,064.00	96.8	4,659.00	1.07	4,128.00	4852	8/8/2013 14:49	8/8/2013 16:01	201,200
23	7,421.00	7,911.00	99.7	4,655.00	1.07	4,155.00	4934	8/8/2013 18:28	8/8/2013 19:36	200,000
24	6,593.00	7,522.00	98.4	4,537.00	1.05	4,147.00	4969	8/8/2013 23:08	8/9/2013 0:16	200,700
25	7,822.00	7,532.00	100.4	4,651.00	1.07	4,260.00	4912	8/9/2013 3:38	8/9/2013 4:48	199,800
26	5,933.00	8,291.00	98	4,545.00	1.05	4,140.00	4866	8/9/2013 13:25	8/9/2013 14:42	200,200
27	7,215.00	8,110.00	97.5	4,628.00	1.06	4,246.00	4821	8/9/2013 17:37	8/9/2013 18:49	200,200
28	7,455.00	7,735.00	98.5	4,659.00	1.07	4,213.00	4946	8/10/2013 1:02	8/10/2013 2:10	198,700
29	7,128.00	7,184.00	99.6	4,634.00	1.06	4,125.00	4854	8/10/2013 4:28	8/10/2013 5:40	199,700
30	7,548.00	7,473.00	100	4,716.00	1.07	4,181.00	4894	8/10/2013 9:02	8/10/2013 10:10	200,400
31	8,060.00	7,987.00	99.9	4,563.00	1.05	4,001.00	4854	8/10/2013 13:20	8/10/2013 14:24	201,700
32	6,526.00	7,613.00	99.9	4,669.00	1.07	4,086.00	4789	8/10/2013 16:57	8/10/2013 18:01	200,900
33	7,484.00	7,803.00	99.1	4,522.00	1.05	4,164.00	4897	8/10/2013 21:06	8/10/2013 22:15	200,400
34	7,535.00	8,210.00	96.6	4,604.00	1.06	4,178.00	4777	8/11/2013 2:41	8/11/2013 3:47	200,400
35	6,909.00	8,155.00	98.8	4,521.00	1.05	4,053.00	4727	8/11/2013 6:37	8/11/2013 7:41	200,300
36	6,809.00	7,698.00	98.7	4,533.00	1.05	4,033.00	4738	8/11/2013 11:01	8/11/2013 12:05	201,300
37	6,942.00	7,638.00	99.7	4,444.00	1.04	3,946.00	4712	8/11/2013 0:00	8/11/2013 0:00	201,800
38	7,925.00	7,169.00	100.4	4,590.00	1.06	4,072.00	4922	8/11/2013 20:13	8/11/2013 21:17	198,700
39	8,044.00	7,801.00	99.6	4,445.00	1.04	4,087.00	4825	8/11/2013 23:28	8/12/2013 0:33	201,500
40	5,511.00	7,623.00	100.2	4,570.00	1.06	4,088.00	4930	8/12/2013 2:45	8/12/2013 3:52	201,700
41	6,826.00	7,508.00	99.3	4,376.00	1.03	3,920.00	5158	8/12/2013 6:40	8/12/2013 7:47	208,600

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