

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: 3-1-2013
API #: 47-10302698 Amended

Farm name: Sharon Scyoc Operator Well No.: 513978

LOCATION: Elevation: 1,474 Quadrangle: Pine Grove

District: Grant County: Wetzel, WV
Latitude: 39.565244 Feet South of _____ Deg. 39 Min. 35 Sec.
Longitude -80.626334 Feet West of West Deg. 80 Min. 37 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	86.49
Agent: Cecil Ray	13 3/8	835	835	826
Inspector: <u>Derek Haught</u>	9 5/8	3,410	3,410	1,428
Date Permit Issued: 10-12-2011	5 1/2	14,143	14,143	-
Date Well Work Commenced: 3-15-2012				
Date Well Work Completed: 5-3-2013				
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): 7,502				
Total Measured Depth (ft): 14,007				
Fresh Water Depth (ft.): 665, 670				
Salt Water Depth (ft.): No show of salt water				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 76, 90, 109, 124, 133, 160, 177, 191, 220, 254, 1,154, 1,658				
Void(s) encountered (N/Y) Depth(s) N				

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

Producing formation Marcellus Pay zone depth (ft) 7,456

Gas: Initial open flow 9,840 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 3,414 psig (surface pressure) after 153.5 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

5-6-2013
Date

Office of Oil and Gas
WV Dept. of Environmental Protection

05/21/2013

103.02698

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 Gyro, CBL, and MWD-Gamma

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

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
<u>Surface:</u>		
Sand/Shale / 0 / 76 / 76 -- Coal / 76 / 78 / 2 -- Sand/Shale / 78 / 90 / 12 -- Coal / 90 / 95 / 5 -- Sand/Shale / 95 / 109 / 14 -- Coal / 109 / 115 / 6 --		
Sand/Shale / 115 / 124 / 9 -- Coal / 124 / 130 / 6 -- Sand/Shale / 130 / 133 / 3 -- Coal / 133 / 145 / 12 -- Sand/Shale / 145 / 160 / 15 -- Coal / 160 / 167 / 7 --		
Sand/Shale / 167 / 177 / 10 -- Coal / 177 / 188 / 11 -- Sand/Shale / 188 / 191 / 3 -- Coal / 191 / 196 / 5 -- Sand/Shale / 196 / 220 / 24 -- Coal / 220 / 226 / 6 --		
Sand/Shale / 226 / 254 / 28 -- Coal / 254 / 257 / 3 -- Sand/Shale -- 257 / 1,154 / 897 -- Coal / 1,154 / 1,166 / 12 -- Sand/Shale / 1,166 / 1,658 / 492		
Coal / 1,658 / 1,670 / 12 -- Sand/Shale / 1,670 / 2,305 / 635 -- Maxton / 2,305 / 2,523 / 218 -- Big Lime / 2523 / 2650 / 127 -- BIG INJUN / 2,650 / 2,795 / 145 --		
Weir / 2,795 / 2994 / 199 -- GANTZ / 2,994 / 3,114 / 120 -- 50F / 3,114 / 3,190 / 76 --		
30F / 3,190 / 3,242 / 52 -- GORDON / 3,242 / 3,324 / 82 --		
4TH / 3,324 / 3,450 / 126 -- BAYARD / 3,450 / 3,902 / 452 --		
WARREN / 3,902 / 4,053 / 151 -- SPEECHLEY / 4,053 / 4,898 / 845 --		
RILEY / 4,898 / 5,566 / 668 -- BENSON / 5,566 / 5,882 / 316 --		
ALEXANDER / 5,882 / 7,034 / 1,151 -- SONYEA / 7,034 / 7,202 / 168 --		
MIDDLESEX / 7,202 / 7,242 / 40 -- GENESSEE / 7,242 / 7,325 / 83		
GENESE0 / 7,325 / 7,350 / 25 -- TULLY / 7,350 / 7,376 / 26 --		
HAMILTON / 7,376 / 7,456 / 80 -- Marcellus blk shale / 7,456 / 7461 / 5 --		
PURCELL / 7,461 / 7486 / 25 -- CHERRY VALLEY / 7,486		

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MAY 10 2013

103-02698

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
1	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/3/2012	13842 - 14083		7,785.00	8,457.00	5 Min: 3450
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3343
91.50	8,770.00	4,121.00	0.98		15 Min: 3290
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
381,878.00	11,149.00		2,000.00		
Stage	Formation	Frac Type			
2	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/3/2012	13541 - 13783		9,709.00	8,358.00	5 Min:
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min:
83.50	9,734.00	0.00	0		15 Min:
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,708.00	9,839.00		750.00		
Stage	Formation	Frac Type			
3	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/16/2012	13241 - 13483		6,800.00	8,396.00	5 Min: 3546
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3410
88.50	8,829.00	4,101.00	0.98		15 Min: 3351
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
399,440.00	10,008.00		750.00		

1 103-02698

10 2013

103.02698

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
4	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/16/2012	12941 - 13483		8,387.00	8,486.00	5 Min: 3621
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3539
89.50	8,771.00	4,205.00	0.99		15 Min: 3496
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,585.00	10,170.00		750.00		
Stage	Formation	Frac Type			
5	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/17/2012	12641 - 12883		7,642.00	8,404.00	5 Min: 3603
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3546
88.70	8,799.00	4,120.00	0.98		15 Min: 3512
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,006.00	9,787.00		750.00		
Stage	Formation	Frac Type			
6	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/17/2012	12341 - 12583		7,493.00	8,485.00	5 Min: 3680
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3598
90.00	8,826.00	4,182.00	0.99		15 Min: 3555
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,479.00	9,837.00		750.00		

Received

MAY 10 2013

103-02698

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Stage	Formation	Frac Type			
7	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/17/2012	12041 - 12283		7,934.00	8,663.00	5 Min: 0
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 0
89.20	9,367.00	0.00	0		15 Min: 0
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
336,695.00	11,045.00		750.00		
Stage	Formation	Frac Type			
8	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/18/2012	11741 - 11983		7,359.00	8,295.00	5 Min: 3779
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3650
95.70	8,941.00	4,523.00	1.04		15 Min: 3597
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
399,352.00	9,756.00		750.00		
Stage	Formation	Frac Type			
9	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/18/2012	11441 - 11683		7,484.00	8,328.00	5 Min: 3700
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3623
98.30	8,790.00	4,033.00	0.97		15 Min: 3576
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
398,536.00	9,645.00		750.00		

Received

MAY 10 2013

103-02698

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Stage	Formation	Frac Type			
10	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/18/2012	11141 - 11383		6,874.00	8,424.00	5 Min: 4544
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4106
98.90	9,173.00	5,809.00	1.06		15 Min: 3905
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,223.00	12,730.00		750.00		
Stage	Formation	Frac Type			
11	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/19/2012	10841 - 11083		6,753.00	8,081.00	5 Min: 4201
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3912
100.10	8,558.00	4,858.00	1.08		15 Min: 3774
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
401,126.00	9,694.00		750.00		
Stage	Formation	Frac Type			
12	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/19/2012	10541 - 10783		5,809.00	8,013.00	5 Min: 3627
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3518
64.90	8,958.00	4,210.00	1		15 Min: 3455
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,541.00	10,015.00		750.00		

Received

MAY 10 2013

06/21/2013

103-02698

EQT WR-35 Completion Attachment Well Treatment Summary

Stage	Formation	Frac Type			
13	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/19/2012	10241 - 10483		6,225.00	8,592.00	5 Min: 3809
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
78.10	9,234.00	4,530.00	1.04		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,680.00	10,635.00		750.00		

Stage	Formation	Frac Type			
14	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/20/2012	9941 - 10183		6,698.00	8,017.00	5 Min: 3805
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
84.20	9,181.00	4,349.00	1.02		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
399,696.00	11,008.00		750.00		

Stage	Formation	Frac Type			
15	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/20/2012	9641 - 9883		7,755.00	8,133.00	5 Min: 3734
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
80.60	8,650.00	4,217.00	1		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
403,317.00	9,098.00		750.00		

Received

MAY 10 2013

103-02698

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage 16	Formation MARCELLUS	Frac Type Slickwater			
Date 11/20/2012	From / To 9341 - 9583	# of perfs	BD Press 6,013.00	ATP Psi 8,229.00	SIP Detail 5 Min: 3745 10 Min: 3691 15 Min: 3659
Avg Rate 88.00	Max Press PSI 9,009.00	ISIP 4,339.00	Frac Gradient 1.01		
Sand Proppant 399,867.00	Water-bbl 9,374.00	SCF N2	Acid-Gal 750.00		
Stage 17	Formation MARCELLUS	Frac Type Slickwater			
Date 11/20/2012	From / To 9041 - 9283	# of perfs	BD Press 6,048.00	ATP Psi 8,249.00	SIP Detail 5 Min: 3809 10 Min: 3698 15 Min: 3628
Avg Rate 92.60	Max Press PSI 9,257.00	ISIP 4,685.00	Frac Gradient 1.06		
Sand Proppant 366,747.00	Water-bbl 10,006.00	SCF N2	Acid-Gal 750.00		
Stage 18	Formation MARCELLUS	Frac Type Slickwater			
Date 11/20/2012	From / To 8741 - 8983	# of perfs	BD Press 6,117.00	ATP Psi 8,053.00	SIP Detail 5 Min: 3712 10 Min: 3543 15 Min: 3535
Avg Rate 99.10	Max Press PSI 8,709.00	ISIP 4,216.00	Frac Gradient 1		
Sand Proppant 399,700.00	Water-bbl 9,614.00	SCF N2	Acid-Gal 750.00		

Received

MAY 10 2013

103.02698

EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage	Formation	Frac Type			
19	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/21/2012	8441 - 8683		6,735.00	8,029.00	5 Min: 3655
					10 Min: 3558
					15 Min: 3506
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
96.60	8,865.00	4,608.00	1.05		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
398,672.00	9,620.00		750.00		
Stage	Formation	Frac Type			
20	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/21/2012	8141 - 8383		6,186.00	8,312.00	5 Min: 4297
					10 Min: 3947
					15 Min: 3780
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
97.10	8,833.00	4,675.00	1.06		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
412,775.00	9,843.00		750.00		

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MAY 10 2013