

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 2/7/2013
API #: 47-103-02699

Farm name: Sharon Scyoc Operator Well No.: 513979

LOCATION: Elevation: 1,474' Quadrangle: Pine Grove

District: Grant County: Wetzel, WV
Latitude: 39.565282 Feet South of _____ Deg. 39 Min. 35 Sec.
Longitude -80.626355 Feet West of _____ 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	850	850	-
Inspector: Derek Haught	9 5/8	3,408	3,408	-
Date Permit Issued: 10/13/2011	5 1/2	14,016	14,016	2,174.6
Date Well Work Commenced: 3/22/2012				
Date Well Work Completed: 6/12/12				
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): 7516.3'				
Total Measured Depth (ft): 14,049'				
Fresh Water Depth (ft.): 340', 736'				
Salt Water Depth (ft.): None reported.				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): 78, 91, 169, 181, 222, 352, 413, 458, 553, 688, 690				
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 Marcellus Pay zone depth (ft) 7,516.3

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow ^{*See cover sheet.} _____ MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure ^{*See cover sheet.} _____ psig (surface pressure) after _____ 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

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

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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 Geophysical

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 / 76 / 76 -- Coal / 76 / 78 / 2 -- Sand & Shale / 78 / 91 / 13 -- Coal / 91 / 96 / 5 -- Sand & Shale / 96 / 169 / 73 -- Coal / 169 / 171 / 2 --
Sand & Shale / 171 / 181 / 10 -- Coal / 181 / 194 / 13 -- Sand & Shale / 194 / 222 / 28 -- Coal / 222 / 225 / 3 -- Sand & Shale / 225 / 352 / 127 --
Coal / 352 / 355 / 3 -- Sand & Shale / 355 / 380 / 25 -- Red Rock / 380 / 386 / 6 -- Sand & Shale / 386 / 400 / 14 -- Red Rock / 400 / 404 / 4 --
Sand & Shale / 404 / 413 / 9 -- Coal / 413 / 416 / 3 -- Sand & shale / 416 / 458 / 42 -- Coal / 458 / 462 / 4 -- Sand & Shale / 462 / 553 / 91 --
Coal / 553 / 577 / 24 -- Sand & Shale / 577 / 668 / 91 -- Coal / 668 / 672 / 4 -- Sand & Shale / 672 / 690 / 18 -- Coal 690 / 712 / 22 --
Sand & Shale / 712 / 1152 / 440 -- Red Rock / 1152 / 1164 / 12 -- Sand & Shale / 1164 / 1330 / 166 -- Red Rock / 1330 / 1335 / 5 -- Sand & Shale / 1335 / 1360 / 5 --
Red Rock / 1360 / 1368 / 8 -- Sand & shale / 1368 / 1375 / 7 -- red Rock / 1375 / 1391 / 16 --
Sand & Shale / 1391 / 1553 / 142 -- Red Rock / 1553 / 1560 / 7 -- Sand & Shale / 1560 / 2306 / 746
Maxton / 2306 / 2524 / 218 -- Big Lime / 2524 / 2650 / 126 / -- Big Injun / 2650 / 2795 / 145 -- Weir / 2795 / 2994 / 199
Gantz / 2994 / 3114 / 120 -- 50F / 3114 / 3190 / 76 -- 30F / 3190 / 3242 / 52 -- Gordon / 3242 / 3324 / 82 --
Fourth 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 / 7242 / 40 -- Genesee / 7242 / 7326 / 84 -- Geneseo / 7326 / 7361 / 25 --
Tully / 7351 / 7376 / 25 -- Hamilton / 7376 / 7456 / 80 -- Marcellus -- 7456 / 7461 / 5
Purcell / 7461 / 7516 / 55 -- Cherry Valley / 7516

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EQT WR-35	Completion	Attachment	Well	Treatment	Summary
Stage 1	Formation MARCELLUS	Frac Type Slickwater			
Date 11/5/2012	From / To 13671 - 13853	# of perfs	BD Press 8,193.00	ATP Psi 8,368.00	SIP Detail 5 Min: 3600 10 Min: 3461 15 Min: 3396
Avg Rate 84.50	Max Press PSI 8,655.00	ISIP 4,180.00	Frac Gradient 0.99		
Sand Proppant 372,407.00	Water-bbl 10,437.00	SCF N2	Acid-Gal 2,000.00		
Stage 2	Formation MARCELLUS	Frac Type Slickwater			
Date 11/5/2012	From / To 13371 - 13613	# of perfs	BD Press 7,403.00	ATP Psi 8,371.00	SIP Detail 5 Min: 3661 10 Min: 3561 15 Min: 3508
Avg Rate 83.40	Max Press PSI 8,899.00	ISIP 4,053.00	Frac Gradient 0.97		
Sand Proppant 381,687.00	Water-bbl 10,167.00	SCF N2	Acid-Gal 750.00		
Stage 3	Formation MARCELLUS	Frac Type Slickwater			
Date 11/5/2012	From / To 13071 - 13311	# of perfs	BD Press 6,305.00	ATP Psi 8,302.00	SIP Detail 5 Min: 3992 10 Min: 3770 15 Min: 3629
Avg Rate 83.70	Max Press PSI 8,544.00	ISIP 4,419.00	Frac Gradient 1.02		
Sand Proppant 372,987.00	Water-bbl 9,887.00	SCF N2	Acid-Gal 750.00		

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Stage 4	Formation MARCELLUS	Frac Type Slickwater			
Date 11/6/2012	From / To 12771 - 13013	# of perfs	BD Press 6,455.00	ATP Psi 8,445.00	SIP Detail 5 Min: 4176 10 Min: 3908 15 Min: 3774
Avg Rate 77.94	Max Press PSI 9,053.00	ISIP 5,343.00	Frac Gradient 1.15		
Sand Proppant 244,259.00	Water-bbl 9,667.00	SCF N2	Acid-Gal 750.00		

Stage 5	Formation MARCELLUS	Frac Type Slickwater			
Date 11/6/2012	From / To 12471 - 12713	# of perfs	BD Press 6,570.00	ATP Psi 8,266.00	SIP Detail 5 Min: 3945 10 Min: 3707 15 Min: 3736
Avg Rate 95.40	Max Press PSI 8,692.00	ISIP 4,497.00	Frac Gradient 1.03		
Sand Proppant 344,138.00	Water-bbl 10,017.00	SCF N2	Acid-Gal 750.00		

Stage 6	Formation MARCELLUS	Frac Type Slickwater			
Date 11/6/2012	From / To 12171 - 12413	# of perfs	BD Press 6,818.00	ATP Psi 8,284.00	SIP Detail 5 Min: 3988 10 Min: 3830 15 Min: 3746
Avg Rate 88.80	Max Press PSI 9,068.00	ISIP 4,406.00	Frac Gradient 1.02		
Sand Proppant 306,905.00	Water-bbl 10,199.00	SCF N2	Acid-Gal 750.00		

Stage 7	Formation MARCELLUS	Frac Type Slickwater			
Date 11/6/2012	From / To 11871 - 12113	# of perfs	BD Press 6,452.00	ATP Psi 8,068.00	SIP Detail 5 Min: 4062 10 Min: 3840 15 Min: 3746
Avg Rate 95.00	Max Press PSI 8,374.00	ISIP 4,885.00	Frac Gradient 1.08		
Sand Proppant 377,128.00	Water-bbl 10,218.00	SCF N2	Acid-Gal 750.00		

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Stage 8	Formation MARCELLUS	Frac Type Slickwater			
Date 11/7/2012	From / To 11571 - 11813	# of perfs	BD Press 7,056.00	ATP Psi 8,273.00	SIP Detail 5 Min: 3839 10 Min: 3738 15 Min: 3691
Avg Rate 97.80	Max Press PSI 8,616.00	ISIP 4,497.00	Frac Gradient 1.03		
Sand Proppant 401,487.00	Water-bbl 10,114.00	SCF N2	Acid-Gal 750.00		

Stage 9	Formation MARCELLUS	Frac Type Slickwater			
Date 11/7/2012	From / To 11271 - 11513	# of perfs	BD Press 6,555.00	ATP Psi 8,418.00	SIP Detail 5 Min: 4157 10 Min: 4033 15 Min: 3945
Avg Rate 85.20	Max Press PSI 8,956.00	ISIP 5,248.00	Frac Gradient 1.13		
Sand Proppant 246,261.00	Water-bbl 8,408.00	SCF N2	Acid-Gal 750.00		

Stage 10	Formation MARCELLUS	Frac Type Slickwater			
Date 11/7/2012	From / To 10971 - 11213	# of perfs	BD Press 7,501.00	ATP Psi 8,049.00	SIP Detail 5 Min: 3798 10 Min: 3731 15 Min: 3693
Avg Rate 86.60	Max Press PSI 8,331.00	ISIP 4,120.00	Frac Gradient 0.98		
Sand Proppant 369,294.00	Water-bbl 10,308.00	SCF N2	Acid-Gal 750.00		

Stage 11	Formation MARCELLUS	Frac Type Slickwater			
Date 11/7/2012	From / To 10671 - 10913	# of perfs	BD Press 6,167.00	ATP Psi 7,974.00	SIP Detail 5 Min: 4001 10 Min: 3860 15 Min: 3797
Avg Rate 94.00	Max Press PSI 8,548.00	ISIP 4,566.00	Frac Gradient 1.04		
Sand Proppant 402,406.00	Water-bbl 9,952.00	SCF N2	Acid-Gal 750.00		

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Stage 12	Formation MARCELLUS	Frac Type Slickwater			
Date 11/8/2012	From / To 10371 - 10613	# of perfs	BD Press 7,433.00	ATP Psi 7,849.00	SIP Detail 5 Min: 3889 10 Min: 3748 15 Min: 3714
Avg Rate 98.10	Max Press PSI 8,619.00	ISIP 4,557.00	Frac Gradient 1.04		
Sand Proppant 415,731.00	Water-bbl 9,771.00	SCF N2	Acid-Gal 750.00		
Stage 13	Formation MARCELLUS	Frac Type Slickwater			
Date 11/8/2012	From / To 10071 - 10313	# of perfs	BD Press 6,831.00	ATP Psi 7,996.00	SIP Detail 5 Min: 3769 10 Min: 3680 15 Min: 3634
Avg Rate 95.60	Max Press PSI 8,318.00	ISIP 4,251.00	Frac Gradient 1		
Sand Proppant 398,847.00	Water-bbl 9,519.00	SCF N2	Acid-Gal 750.00		
Stage 14	Formation MARCELLUS	Frac Type Slickwater			
Date 11/9/2012	From / To 9771 - 10013	# of perfs	BD Press 6,692.00	ATP Psi 7,941.00	SIP Detail 5 Min: 3804 10 Min: 3725 15 Min: 3674
Avg Rate 93.90	Max Press PSI 8,881.00	ISIP 4,189.00	Frac Gradient 0.99		
Sand Proppant 404,264.00	Water-bbl 9,839.00	SCF N2	Acid-Gal 750.00		
Stage 15	Formation MARCELLUS	Frac Type Slickwater			
Date 11/9/2012	From / To 9471 - 9713	# of perfs	BD Press 6,950.00	ATP Psi 7,606.00	SIP Detail 5 Min: 3783 10 Min: 3682 15 Min: 3635
Avg Rate 97.50	Max Press PSI 8,386.00	ISIP 4,517.00	Frac Gradient 1.04		
Sand Proppant 400,392.00	Water-bbl 9,409.00	SCF N2	Acid-Gal 750.00		

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Stage 16	Formation MARCELLUS	Frac Type Slickwater				
Date 11/10/2012	From / To 9171 - 9413	# of perfs	BD Press 6,805.00	ATP Psi 7,903.00	SIP Detail 5 Min: 3888 10 Min: 3720 15 Min: 3638	
Avg Rate 99.40	Max Press PSI 8,337.00	ISIP 4,540.00	Frac Gradient 1.04			
Sand Proppant 403,758.00	Water-bbl 9,266.00	SCF N2	Acid-Gal 750.00			

Stage 17	Formation MARCELLUS	Frac Type Slickwater				
Date 11/10/2012	From / To 8871 - 9113	# of perfs	BD Press 7,559.00	ATP Psi 7,663.00	SIP Detail 5 Min: 4655 10 Min: 4258 15 Min: 4043	
Avg Rate 100.00	Max Press PSI 8,806.00	ISIP 5,646.00	Frac Gradient 1.19			
Sand Proppant 399,787.00	Water-bbl 9,425.00	SCF N2	Acid-Gal 750.00			

Stage 18	Formation MARCELLUS	Frac Type Slickwater				
Date 11/10/2012	From / To 8571 - 8813	# of perfs	BD Press 7,747.00	ATP Psi 8,273.00	SIP Detail 5 Min: 3775 10 Min: 3642 15 Min: 3586	
Avg Rate 94.90	Max Press PSI 9,015.00	ISIP 4,585.00	Frac Gradient 1.05			
Sand Proppant 397,590.00	Water-bbl 10,346.00	SCF N2	Acid-Gal 750.00			

Stage 19	Formation MARCELLUS	Frac Type Slickwater				
Date 11/10/2012	From / To 8271 - 8513	# of perfs	BD Press 7,097.00	ATP Psi 8,293.00	SIP Detail 5 Min: 3860 10 Min: 3721 15 Min: 3638/3	
Avg Rate 98.30	Max Press PSI 8,769.00	ISIP 4,345.00	Frac Gradient 1.01			
Sand Proppant 402,187.00	Water-bbl 9,401.00	SCF N2	Acid-Gal 750.00			

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Stage	Formation	Frac Type			
20	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/10/2012	7971 - 8213		7,320.00	7,368.00	5 Min: 3738 10 Min: 3641 15 Min: 3586
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
100.20	7,738.00	4,188.00	0.99		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,512.00	9,372.00		750.00		
Stage	Formation	Frac Type			
21	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
11/10/2012	7806 - 7928		6,408.00	7,291.00	5 Min: 3828 10 Min: 3637 15 Min: 3611
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
99.90	7,996.00	4,317.00	1.01		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
201,253.00	4,909.00		750.00		

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