

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: 5-7-2013
API #: 47-10302731 Amended

V

Farm name: Coastal Lumber Company Operator Well No.: 513508

LOCATION: Elevation: 1,472 Quadrangle: Big Run

District: Grant County: Wetzel, WV
Latitude: 11,315 Feet South of 39 Deg. 35 Min. 00 Sec.
Longitude 6, 5 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.
EQT Plaza, Suite 1700 625 Liberty Avenue, Pittsburgh, PA 15222	26	40	40	58
Agent: Cecil Ray	13 3/8	830.1	830	833
Inspector: Derek Haught	9 5/8	3,477	3,477	1,450
Date Permit Issued: 3-12-2012	5 1/2	14,963	14,963	2616
Date Well Work Commenced: 6-18-2012				
Date Well Work Completed: 1-13-2013				
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): 7,616				
Total Measured Depth (ft): 14,984				
Fresh Water Depth (ft.): 534				
Salt Water Depth (ft.): 1400				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 430, 1201, 1219				
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) 7,539

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

Final open flow 11,088 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ Hours

Static rock Pressure 3,286 psig (surface pressure) after 89 Hours

Second producing formation N/A Pay zone depth (ft) _____

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

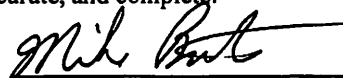
Final open flow _____ MCF/d Final open flow _____ Bbl/d

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

Office of Oil and Gas
5-7-2013 Dept. of Environmental Protection
Date 07/26/2013

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 CBL, MWD, Gamma, Gyro

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): Pumped solid cement plug from 5,670' to 6,100' for sidetrack.

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth
Surface: _____

Sand & Shale / 0 / 430 / 430 -- Coal / 430 / 434 / 4 -- Sand & Shale / 434 / 1201 / 776 -- Coal / 1201 / 1210 / 9 --
Red Rock / 1210 / 1219 / 9 -- Coal / 1219 / 1228 / 9 / -- Sand/Shale / 1228 / 2663 / 1035 -- Maxton / 2263 / 2419 / 156 -- Big Lime / 2419 / 2548 / 129 --
Big Injun / 2548 / 2825 / 277 -- Weir / 2825 / 2992 / 167 -- Gantz / 2992 / 3027 / 35 -- 50F / 3027 / 3122 / 95 -- 30F / 3122 / 3188 / 66 --
Gordon / 3188 / 3268 / 80 -- 4th / 3268 / 3880 / 612 -- Warren / 3880 / 4077 / 197 --
Speechley / 4077 / 4448 / 371 -- Balltown A / 4448 / 4905 / 457 -- Riley / 4905 / 5549 / 644
Benson / 5549 / 5923 / 374 -- Alexander / 5923 / 7320 / 1397 -- Genessee / 7320 / 7395 / 75 --
Geneseo / 7395 / 7428 / 33 -- Tully / 7428 / 7444 / 16 -- Hamilton / 7444 / 7539 / 95 --
Marcellus / 7539 / 7616 / 77

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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
1/7/2013	14678 - 14949		0.00	8,158.00	5 Min: 3326
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3208
86.70	8,843.00	3,916.00	0.95		15 Min: 3133
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
405,699.00	11,280.00		2,000.00		
Stage	Formation	Frac Type			
2	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/7/2013	14378 - 14620		6,361.00	8,131.00	5 Min: 3595
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3453
91.73	8,534.00	4,427.00	1.01		15 Min: 3383
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
398,830.00	10,238.00		750.00		
Stage	Formation	Frac Type			
3	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/7/2013	14078 - 14320		7,189.00	8,264.00	5 Min: 4512
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4181
90.88	8,664.00	5,297.00	1.13		15 Min: 3978
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
367,252.00	10,043.00		750.00		

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Stage	Formation	Frac Type				
4	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
1/7/2013	13778 - 14020		7,320.00	8,306.00	5 Min: 3968	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3767	
84.90	9,144.00	4,755.00	1.06		15 Min: 3642	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
403,918.00	9,972.00		750.00			
Stage	Formation	Frac Type				
5	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
1/8/2013	13478 - 13720		6,738.00	6,738.00	5 Min: 4637	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4325	
92.20	8,536.00	5,274.00	1.13		15 Min: 4127	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
397,710.00	10,321.00		750.00			
Stage	Formation	Frac Type				
6	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
1/8/2013	13178 - 13420		6,344.00	8,271.00	5 Min: 4257	
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3896	
96.00	8,510.00	4,941.00	1.08		15 Min: 3710	
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
403,768.00	10,216.00		750.00			

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Stage	Formation	Frac Type			
7	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/8/2013	12878 - 13120		7,464.00	8,385.00	5 Min: 0
					10 Min: 0
					15 Min: 0
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
94.30	8,619.00	5,057.00	1.1		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
347,793.00	8,558.00		750.00		
Stage	Formation	Frac Type			
8	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/9/2013	12578 - 12820		8,823.00	0.00	5 Min:
					10 Min:
					15 Min:
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
0.00	9,510.00	5,458.00	0		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
0.00	2,848.00		1,400.00		
Stage	Formation	Frac Type			
9	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/9/2013	12256 - 12498		6,166.00	7,960.00	5 Min: 4406
					10 Min: 4146
					15 Min: 4002
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
93.70	8,545.00	5,130.00	1.11		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
390,107.00	10,514.00		750.00		

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Stage	Formation	Frac Type			
10	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/10/2013	11956 - 12198		5,772.00	8,127.00	5 Min: 4535
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4182
97.30	8,558.00	5,284.00	1.13		15 Min: 3984
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
401,301.00	10,254.00		750.00		
Stage	Formation	Frac Type			
11	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/10/2013	11656 - 11898		6,665.00	8,012.00	5 Min: 4556
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4279
94.50	8,713.00	5,383.00	1.14		15 Min: 4121
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,512.00	9,698.00		500.00		
Stage	Formation	Frac Type			
12	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/11/2013	11356 - 11627		6,717.00	7,911.00	5 Min: 4866
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4536
98.87	8,210.00	5,496.00	1.16		15 Min: 4338
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,436.00	9,947.00		500.00		

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Stage	Formation	Frac Type				
13	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
1/11/2013	11056 - 11298		7,161.00	8,125.00	5 Min: 4925	
Avg Rate	Max Press PSI	ISIP	Frac Gradient	10 Min: 4570		
98.20	8,893.00	5,575.00	1.17	15 Min: 4338		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
399,423.00	9,989.00		500.00			
Stage	Formation	Frac Type				
14	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
1/11/2013	10756 - 10998		6,597.00	8,180.00	5 Min: 4604	
Avg Rate	Max Press PSI	ISIP	Frac Gradient	10 Min: 4365		
98.20	8,968.00	5,157.00	1.11	15 Min: 4192		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
402,039.00	9,699.00		500.00			
Stage	Formation	Frac Type				
15	MARCELLUS	Slickwater				
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail	
1/11/2013	10456 - 10698		6,165.00	8,359.00	5 Min: 4282	
Avg Rate	Max Press PSI	ISIP	Frac Gradient	10 Min: 4139		
99.00	8,802.00	5,114.00	1.11	15 Min: 3995		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal			
384,146.00	9,384.00		500.00			

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Stage	Formation	Frac Type			
16	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/11/2013	10156 - 10398		8,080.00	0.00	5 Min: 0
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 0
0.00	0.00	0.00	0		15 Min: 0
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
2,919.00	2,783.00		500.00		
Stage	Formation	Frac Type			
17	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/12/2013	9856 - 10098		7,778.00	8,258.00	5 Min: 4250
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 4064
97.70	8,752.00	4,704.00	1.06		15 Min: 3921
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,283.00	9,513.00		750.00		
Stage	Formation	Frac Type			
18	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/12/2013	9556 - 9798		7,994.00	7,738.00	5 Min: 3819
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3710
99.60	8,434.00	4,221.00	0.99		15 Min: 3649
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,449.00	9,371.00		750.00		

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Stage	Formation	Frac Type			
19	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/12/2013	9256 - 9498		6,832.00	7,984.00	5 Min: 3910
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3790
92.70	9,092.00	4,505.00	1.03		15 Min: 3736
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
400,966.00	9,717.00		1,000.00		
Stage	Formation	Frac Type			
20	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/13/2013	8956 - 9198		6,335.00	8,127.00	5 Min: 3772
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3647
94.90	8,737.00	4,404.00	1.02		15 Min: 3593
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
397,009.00	9,798.00		750.00		
Stage	Formation	Frac Type			
21	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/13/2013	8656 - 8896		7,247.00	8,001.00	5 Min: 4004
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3809
99.70	8,505.00	4,650.00	1.05		15 Min: 3727
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,648.00	9,604.00		750.00		

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Stage	Formation	Frac Type			
22	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/13/2013	8356 - 8598		8,639.00	7,954.00	5 Min: 3672
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3586
91.20	8,909.00	4,048.00	0.97		15 Min: 3537
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
401,879.00	9,657.00		750.00		
Stage	Formation	Frac Type			
23	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/13/2013	8191 - 8313		6,568.00	7,848.00	5 Min: 3813
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3650
99.70	8,470.00	4,561.00	1.04		15 Min: 3567
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
197,364.00	5,082.00		750.00		
Stage	Formation	Frac Type			
8.1	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/9/2013	12551 - 12763		0.00	8,362.00	5 Min: 3999
Avg Rate	Max Press PSI	ISIP	Frac Gradient		10 Min: 3916
95.00	8,855.00	4,488.00	1.02		15 Min: 3791
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
402,812.00	9,828.00		1,000.00		

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Stage	Formation	Frac Type			
16.1	MARCELLUS	Slickwater			
Date	From / To	# of perfs	BD Press	ATP Psi	SIP Detail
1/12/2013	10156 - 10396		0.00	8,304.00	5 Min: 4482
					10 Min: 4370
					15 Min: 4255
Avg Rate	Max Press PSI	ISIP	Frac Gradient		
87.80	8,712.00	5,205.00	1.12		
Sand Proppant	Water-bbl	SCF N2	Acid-Gal		
399,687.00	11,304.00		1,750.00		

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