

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

DATE: 02/12/2013
API #: 47-091-01206

Farm name: Patriot Mining Company Operator Well No.: Coaltrain 7HM

LOCATION: Elevation: 1273' GL Quadrangle: Grafton 7.5'

District: Courthouse County: Taylor
Latitude: 13,288 Feet South of 39 Deg. 20 Min. 00 Sec.
Longitude 7,546 Feet West of 80 Deg. 05 Min. 00 Sec.

Company: PDC Mountaineer LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
120 Genesis Boulevard Bridgeport, WV 26330	20"	80'	80'	Surface
Agent: Bob Williamson	13 3/8"	465'	465'	466
Inspector: Joe McCourt	9 5/8"	2782'	2782'	1140
Date Permit Issued: 12/10/2010	5 1/2"	14,015'	14,015'	3726
Date Well Work Commenced: 12/16/2011				
Date Well Work Completed: 04/11/2012	2 7/8"		8172'	
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7774'				
Total Measured Depth (ft): 14,032'				
Fresh Water Depth (ft.): Drilled from surf on air/foam				
Salt Water Depth (ft.): Drilled from surf on air/foam				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 78', 783'				
Void(s) encountered (N/Y) Depth(s) N				

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

Producing formation Marcellus Pay zone depth (ft) 7767'

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

Final open flow 2,708 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests 720 Hours

Static rock Pressure 1460 psig (surface pressure) after 72 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

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

02/15/2013
Date

03/08/2013

