

WR-35  
Rev (5-01)

DATE :August 23, 2010  
API # 47-10302468

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas

Well Operator's Report of Well Work

*Under OGCC  
Consent Order  
2011-17*

Farm name: West Virginia Conservation Commission Operator Well No.: WVCC 5

LOCATION: Elevation: 1011' Quadrangle: Pine Grove

District: Grant County: Wetzel  
Latitude: 39.51556 Feet South of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.  
Longitude 80.63644 Feet West of \_\_\_\_\_ Deg. \_\_\_\_\_ Min. \_\_\_\_\_ Sec.

Company: Quest Eastern Resource

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: 101 West Main St				
Harrisville, WV 26362				
Agent: Gary Laswell				
Inspector: David Scranage				
Date Permit Issued: 5/27/2009				
Date Well Work Commenced: 6/1/2009				
Date Well Work Completed: 12/30/2009				
Verbal Plugging:	16"	36'	36'	Surface
Date Permission granted on:	11 3/4"	508'	508'	Surface 241 cu ft
Rotary Cable Rig	8.625 "	2333'	2333'	Surface 600 cu ft
Total Depth (feet): 7207', 7136' PBSD	5 1/2"		7136'	3100' 780 cu ft
Fresh Water Depth (ft.): 250'				
Salt Water Depth (ft.): 620'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 1000'-1200'				

OPEN FLOW DATA

Producing formation Marcellus Shale Pay zone depth (ft) \_\_\_\_\_  
Gas: Initial open flow 300 MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 1000 MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests 72 Hours  
Static rock Pressure 1200 psig (surface pressure) after 72 Hours

Second producing 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

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WV Dept. of Environmental Protection

NOTE: ON BACK OF THIS FORM 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 ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

Signed: *Gary Laswell*  
By: Gary Laswell  
Date: 10/1/2013

10/04/2013

103-02468

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Perforations: 7088-91, 7105-08, 7113-16 (6spf)

12,815 Bbls water and 524,700 #'s sand

Formation	RKB TVD	Remarks
Red Beds	500-2072'	Shale
Big Injun	2122-2278'	Sandstone
Mississippian	2278-2412'	Silty shale
Sunbury	2412-2638'	Shale
Berea	2638-2647'	Sandstone
Gordon	2824-2884'	Silty shale
Riley	5122-5158'	Black Silty Shale
Rhinestreet	6127-6245'	Black Shale
Hamilton	6408-6560'	Grey Shale
Middlesex	6684-6804'	Shale
West River	6836-6954'	Silty Shale
Genessee	6954-6964'	Black Shale
Tully	6990-7056'	Limestone
Marcellus	7084-7144'	Black Shale
Onondaga	7144-7207'	Limestone

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