

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

Well Operator's Report of Well Work

Farm name: Fernow Experimental Forest Operator Well No.: B800

LOCATION: Elevation: 2719' Quadrangle: Parsons 7 1/2'

District: Black Fork County: Tucker
Latitude: _____ Feet South of _____ Deg. _____ Min. _____ Sec.
Longitude _____ Feet West of _____ Deg. _____ Min. _____ Sec.

Company: Berry Energy, Inc.

	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: P.O. Box 5	20"	9'	9'	
Clarksburg, WV 26302-005	13 3/8"	113'	113'	125 sx
Agent: David Berry	11 3/4"	181'	181'	150 sx
Inspector: Bryan Harris	8 5/8"	1289'	1289'	310 sx
Date Permit Issued: 9/22/2009	4 1/2"		7820'	290 sx
Date Well Work Commenced: 9/29/09				
Date Well Work Completed: 10/7/09				
Verbal Plugging:				
Date Permission granted on:				
Rotary x Cable Rig				
Total Depth (feet): 6550' PBTB				
Fresh Water Depth (ft.): 395'				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths : <u>N/A</u>				

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OPEN FLOW DATA

Producing formation Sycamore Grit Pay zone depth (ft) 6470'
Gas: Initial open flow show MCF/d Oil: Initial open flow 0 Bbl/d
Final open flow 100 MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 2000 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
Static rock Pressure _____ psig (surface pressure) after _____ Hours

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: David B. Berry
By: David Berry
Date: 02/21/2011

Perforations:

Stage One : Sycamore Grit - 12 shots 6479' – 6485' (.41" TAG)

Stimulation:

Stage One : Sycamore Grit – 500 gal 28% HCl, 397 BBLs water, 1197110 scf N2, ATP 3958#

Formations	Top	Bottom	Comments
Big Lime	0	231	Open Caves 92', 149', mud filled cave 164'
McCrary shale	231	250	
Pocono Sand	250	285	
Sand and Shale	285	1245	Fresh Water 395', ½" stream
Shale and Siltstone	1245	6483	
Sycamore Grit	6483	6502	Set CIBP @ 6550'
Shale	6502	7085	
Tully Limestone	7085	7100	
Shale	7100	7506	
Onondaga Lime	7506	7536	
Hunternville Chert	7536	7614	sm gas show
Shale	7614	7682	
Needmore Shale	7682	7716	
Oriskany Sand	7716	7868	sm gas show
Helderberg Limestone	7868	7882	TD (10'KB)