

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: 02/06/2013  
API #: 47-25-00038

Farm name: Plum Creek Timberlands, LP Operator Well No.: PCSF 1-1H

LOCATION: Elevation: 3,569 Quadrangle: Fork Mountain

District: Falling Springs County: Greenbrier  
Latitude: 8,851 Feet South of 38 Deg. 12 Min. 30 Sec.  
Longitude 11,888 Feet West of 80 Deg. 25 Min. 00 Sec.

Company: BRC Operating Company, LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
200 Crescent Court, Suite 200 Dallas, TX 75201	20"	100'	98'	
Agent: Marc A. Monteleone	13.375"	1,541'	1,539'	1,302 Lead / 180 Tail
Inspector: Gary Kennedy				
Date Permit Issued: 7/14/11				
Date Well Work Commenced: 10/14/11				
Date Well Work Completed: 11/14/11	Cement plug		1,236' - 2,267'	553
Verbal Plugging: Gary Kennedy	Cement plug		13.375" from 2' -98'	78
Date Permission granted on: 11/7/11 Plugging Permit issued 4/10/12.				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 4,886				
Total Measured Depth (ft): 4,886				
Fresh Water Depth (ft.): 1,500				
Salt Water Depth (ft.): 2,350				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 610				
Void(s) encountered (N/Y) Depth(s) N/A				


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

Producing formation Not Applicable 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

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

RECEIVED  
Office of Oil and Gas  
FEB 08 2013  
WV Department of  
Environmental Protection

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

2/7/2013  
Date

02/22/2013

25 00038

Were core samples taken? Yes  No

Were cuttings caught during drilling? Yes  No

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list \_\_\_\_\_  
Gamma Ray from 0' - 2338'

**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:

N/A

Plug Back Details Including Plug Type and Depth(s): Cement plug 13 3/8" casing and 12.25" open hole, from 1,236' to 2,267' / 98 bbls. Cement plug 13 3/8" casing, from 2' to 98' / 14 bbls.

Formations Encountered: Surface:	Top Depth	/	Bottom Depth
Ravenclyff Sandstone	1,584		1,604
Lower Maxon Sandstone	1,908		1,928
Greenbrier Limestone	2,010		2,060
Big Lime Limestone	2,192		2,564
Injun Sandstone	2,564		2,596
Squaw Shale	2,596		2,762
Weir Sandstone	2,762		3,183
Berea Sandstone	3,183		3,269
Gordon Sandstone	3,269		3,301
Huron Shale	4,278		