

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: 1/22/13 Rev 11/12/14
API #: 47-67-00942

Farm name: MeadWestvaco Corp. Operator Well No.: MWV Rupert 2H

LOCATION: Elevation: 3,010 Quadrangle: Richwood

District: Kentucky County: Nicholas
Latitude: 13.653 Feet South of 35 Deg. 15 Min. 00 Sec.
Longitude 7.990 Feet West of 80 Deg. 32 Min. 30 Sec.

Company: BRC Operating Company, LLC

Address:	Casing & Tubing	Used in drilling	Lcft in well	Cement fill up Cu. Ft.
200 Crescent Court, Suite 200 Dallas, TX 75201	20"		130'	180 Tail
Agent: Marc A. Monteleone	13/ 3/8"		1,277'	657 Lead/196 Tail
Inspector: Ed Gainer	9 5/8"		5,073'	1,555 Lead/360 Tail
Date Permit Issued: 5/3/2010	7 5/8" Liner		7,062'	696 Tail
Date Well Work Commenced: 10/2/10	4 1/2"		9,698'	696 Tail
Date Well Work Completed: 10/30/12		Tubing plug	4,526'	
Verbal Plugging:		Tubing plug	4,650'	
Date Permission granted on:				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 7,752				
Total Measured Depth (ft): 9,698				
Fresh Water Depth (ft.): 182				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.):				
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) 7,600-7,700
Gas: Initial open flow N/A MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow N/A MCF/d Final open flow _____ Bbl/d
Time of open flow between initial and final tests N/A Hours
Static rock Pressure N/A psig (surface pressure) after N/A 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

NOV 12 2014

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]
Signature

11/12/2014
Date

12/05/2014

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 Formation Micro Imager (4,925' - 6,978')
Gamma Ray (4,923' - 8,954') MWG Gamma Ray (0,580' - 7,760') Cased Hole Production Log (7,000' - 9,500')

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:

7,919' - 9,608' 255 Holes

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered:

Surface: _____ Top Depth / _____ Bottom Depth

<u>Geologic Age</u>	<u>Formation</u>	<u>Lithology</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
Mississippian	Greenbrier	Limestone	2490	2543
Mississippian		Shale	2543	2858
Mississippian	Injun	Sandstone	2858	2875
Mississippian		Shale	2875	2884
Mississippian	Squaw	Sandstone	2884	2890
Mississippian		Shale	2890	2967
Mississippian	Weir	Sandstone	2967	2975
Mississippian		Shale	2975	3433
Mississippian	Berea	Sandstone	3433	3455
Mississippian		Shale	3455	3523
Devonian	Gordon	Sandstone	3523	3548
Devonian		Siltstone & Shale	3548	4493
Devonian	Huron	Shale	4493	7378
Devonian	Rhinestreet	Organic Shale	7378	7770
Devonian	Marcellus	Organic Shale	7770	TD