

Preliminary Report

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: 12-21-2012  
API #: 47-009-00138

Farm name: OV Royalty Trust LLC BRK 6H Operator Well No.: 835127

LOCATION: Elevation: 1185' Quadrangle: Stuebenville East WV

District: Cross Creek County: Brooke  
Latitude: 330' Feet South of 40 Deg. 17 Min. 30 Sec.  
Longitude 2210' Feet West of 80 Deg. 35 Min. 00 Sec.

Company: Chesapeake Appalachia, L.L.C.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 18496 Oklahoma City, OK 73154-0496	20"	115'	115'	376 Cu. Ft.
Agent: Eric Gillespie	13 3/8"	262'	262'	328 Cu. Ft.
Inspector: <b>Bill Hendershot</b>	9 5/8"	1630'	1630'	755 Cu. Ft.
Date Permit Issued: 7-18-2012	5 1/2"	10068'	10068'	2414 Cu. Ft.
Date Well Work Commenced: 8-4-2012				
Date Well Work Completed: 8-21-2012(Rig release date)				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 5792'				
Total Measured Depth (ft): 10073'				
Fresh Water Depth (ft.): 390'				
Salt Water Depth (ft.): 490'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 240'				
Void(s) encountered (N/Y) Depth(s) Y 240'				

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

Producing formation Marcellus Pay zone depth (ft) N/A(not frac'd)

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

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

Date

Were core samples taken? Yes \_\_\_\_\_ No N

Were cuttings caught during drilling? Yes Y No \_\_\_\_\_

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list LWD GR from 5198-10073' MD.

**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:

Tentative fracturing scheduled 6-20-2013

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

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
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See attached

**LATERAL SIDETRACK WELLBORE (no vertical pilot hole associated with this well)**

**Maximum TVD of wellbore: 5792 ft TVD @ 10073 ft MD**

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
SS/SILT	0	0	240	240
PITTSBURG COAL VOID	240	240	244	244
SILT	244	244	550	550
SS	550	550	600	600
SILT	600	600	750	750
SS	750	750	1350	1350
BIG INJUN (SS)	1350	1350	1500	1500
SHALE	1500	1500	5790	5570
GENESEO (SH)	5790	5570	5820	5585
TULLY (LS)	5820	5585	5915	5637
HAMILTON (SH)	5915	5637	6169	5715
MARCELLUS (SH)	6169	5715		
TD OF LATERAL			10073	5792