

State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas  
Well Operator's Report of Well Work

Farm name: Larry Ball OHI 3H Operator Well No.: 834228

LOCATION: Elevation: 1340' Quadrangle: Bethany

District: Liberty County: Ohio  
Latitude: 10090' Feet South of 40 Deg. 12 Min. 30 Sec.  
Longitude 16150' Feet West of 80 Deg. 32 Min. 30 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	13 3/8"	610'	610'	707 Cu. Ft.
Agent: Eric Gillespie	9 5/8"	2025'	2025'	943 Cu. Ft.
Inspector: <b>Bill Hendershot</b>	5 1/2"	14698'	14698'	4861 Cu. Ft.
Date Permit Issued: 11-17-2011				
Date Well Work Commenced: 1-13-2012				
Date Well Work Completed: 8-20-2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6272'				
Total Measured Depth (ft): 14699'				
Fresh Water Depth (ft.): 100', 376'				
Salt Water Depth (ft.): 1545'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 549'				
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) 6,700-14,559

Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow Not Tested 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.

Marlene Williams  
Signature

11-19-2012  
Date





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

**Maximum TVD of wellbore: 6272 ft TVD @ 6558 ft MD**

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
LS/SS	0	0	549	549
PITTSBURG COAL	549	549	557	557
SS/SH	557	557	730	730
SS/LS	730	730	850	850
SS/LS/SH	850	850	880	880
SS/SH	880	880	930	930
SHALE	930	930	970	970
SH/LS	970	970	1030	1030
SS/SH/LS	1030	1030	1060	1060
SS/SH	1060	1060	1090	1090
SS	1090	1090	1300	1300
SS/SH	1300	1300	1420	1420
SS	1420	1420	1480	1480
SS/SH	1480	1480	1540	1540
SS/LS/SH	1540	1540	1610	1610
BIG INJUN (SS)	1610	1610	1880	1880
SHALE	1880	1880	6070	6048
GENESEO (SH)	6070	6048	6095	6068
TULLY (LS)	6095	6068	6164	6122
HAMILTON (SH)	6164	6122	6352	6221
MARCELLUS (SH)	6352	6221		
TD OF LATERAL			14699	6154