

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

DATE: 1-30-2012  
API #: 47-069-00071

Farm name: Brian Dytko Operator Well No.: 8H (832975)

LOCATION: Elevation: 1245' Quadrangle: Valley Grove WV

District: Triadelphia County: Ohio  
Latitude: 6900' Feet South of 40 Deg. 02 Min. 30 Sec.  
Longitude 4270' 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"	100'	100'	Driven
Agent: <u>Eric Gillespie</u>	13 3/8"	684'	684'	743 cf
Inspector: <u>Bill Hendershot</u>	9 5/8"	2151'	2151'	958 cf
Date Permit Issued: <u>1-6-2011</u>	5 1/2"	13989'	13989'	3577 cf
Date Well Work Commenced: <u>3-16-2011</u>				
Date Well Work Completed: <u>11-22-2011</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft.): <u>6,428'</u>				
Total Measured Depth (ft.): <u>14,000'</u>				
Fresh Water Depth (ft.): <u>300'</u>				
Salt Water Depth (ft.): <u>1000'</u>				
Is coal being mined in area (N/Y)? <u>Yes</u>				
Coal Depths (ft.): <u>632'</u>				
Void(s) encountered (N/Y) Depth(s) <u>N</u>				

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

Producing formation Marcellus Pay zone depth (ft) 6,817-13,549'

Gas: Initial open flow 0 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 4178 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

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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.

Marlene Williams  
Signature

3-29-2012  
Date

09/14/2012

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 GR, neutron, density, and resistivity  
open hole logs run from 0-6402' MD; LWD GR from 5485-14000' 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:

(See Attached)

Plug Back Details Including Plug Type and Depth(s): Cement @ 13,895'

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>/</u>	<u>Bottom Depth</u>
<u>Surface:</u>			

(See Attached)

09/14/2012

<b>Formation/Lithology</b>	<b>Top Depth (ft)</b>	<b>Bottom Depth (ft)</b>
SS/LS	0	520
LS/SS	520	632
Pittsburg Coal	632	637
LS/SS	637	680
SS/SHALE	680	900
Big Lime	900	1110
Big Injun	1110	1300
SHALE	1300	2950
SHALE/LS	2950	3100
SHALE	3100	6220
Geneseo	6220	6250
Tully	6250	6450
Hamilton	6450	6603
Marcellus	6603	14000

