

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: 2-1-2012  
API #: 47-069-00076

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Farm name: Dallas Hall Operator Well No.: 8H  
LOCATION: Elevation: 1270' Quadrangle: Bethany WV  
District: Liberty County: Ohio  
Latitude: 8280' Feet South of 40 Deg. 10 Min. 00 Sec.  
Longitude 12190' Feet West of 80 Deg. 35 Min. 00 Sec.

WV GEOLOGICAL SURVEY  
MORGANTOWN, WV

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"	560'	560'	610 cf
Agent: Eric Gillespie	9 5/8"	2052'	2052'	1565 cf
Inspector: Bill Hendershot	5 1/2"	12430'	12430'	3184 cf
Date Permit Issued: 2/9/2011				
Date Well Work Commenced: 4/4/2011				
Date Well Work Completed: 12/18/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,205'				
Total Measured Depth (ft): 12,430'				
Fresh Water Depth (ft.): 30'				
Salt Water Depth (ft.): 1035'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 446'				
Void(s) encountered (N/Y) Depth(s) Y 446'				

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

Producing formation Marcellus Pay zone depth (ft) 6,680'-12,287'  
Gas: Initial open flow 1,411 MCF/d Oil: Initial open flow 119 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 4,033 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.

Maureen Williams  
Signature

3-16-2012  
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 GR, neutron, density, and resistivity  
open hole logs run from 520-2070' MD; LWD GR from 5200-12376' 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.**

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Perforated Intervals, Fracturing, or Stimulating:

MAR 19 2012

(See Attached)

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Plug Back Details Including Plug Type and Depth(s): Cement @ 12,321'

Formations Encountered: \_\_\_\_\_ Top Depth \_\_\_\_\_ / \_\_\_\_\_ Bottom Depth  
Surface: \_\_\_\_\_

(See Attached)

LITHOLOGY	TOP DEPTH (FT)	BOTTOM DEPTH (FT)
LS/SHALE	0	400
LS/SS/Coal	400	460
Pittsburg Coal	446	456
LS/SS/Coal	456	560
SS	500	650
SHALE	650	950
SS/SHALE	950	1100
SHALE	1100	1250
SHALE/SS	1250	1400
SHALE	1400	1469
Big Lime	1469	1622
Big Injun	1622	1780
SHALE/SS	1780	1900
SHALE	1900	5991
Geneseo	5991	6020
Tully	6020	6269
Hamilton	6269	6402
Marcellus	6402	12500

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