

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 #: 47-049-02144

Farm name: Bryan Neel Operator Well No.: 6H (833040)

LOCATION: Elevation: 1692' Quadrangle: Fairmont East

District: Winfield County: Marion  
Latitude: 1496' Feet South of 39 Deg. 27 Min. 30 Sec.  
Longitude 6780' Feet West of 79 Deg. 57 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	20"	100'	100'	Driven
Agent: Eric Gillespie	13 3/8"	475'	475'	518 cf
Inspector: <b>Sam Ward</b>	9 5/8"	3107'	3107'	1366 cf
Date Permit Issued: 3/10/2011	5 1/2"	13918'	13918'	3291 cf
Date Well Work Commenced: 7/10/2011				
Date Well Work Completed: 12/14/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7,489'(cement plug @13,826')				
Total Measured Depth (ft): 13,920'				
Fresh Water Depth (ft.): 350'				
Salt Water Depth (ft.): None				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): None				
Void(s) encountered (N/Y) Depth(s) N				

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

Producing formation Marcellus Pay zone depth (ft) 8,124'-13,731'  
Gas: Initial open flow 1,318 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 4,868 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

5-18-2012  
Date

10/19/2012

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

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

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list No

**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 @ 13,826'

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
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Shale 0 940

Shale and LS 940 1030

Shale 1030 1120

LS 1120 1270

Shale and minor SS/Sltst 1270 1990

LS and SS 1990 2710

Balltown 2710 3004

Shale 3004 3350

Shale and minor Sltst 3350 5900

Shale 5900 7367

Geneseo 7367 7400

Tully 7400 7487

Hamilton 7487 7817

Marcellus 7817 13852

10/19/2012