

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 #: 47-049-02143

Farm name: Bryan Neel Operator Well No.: 5H (833070)

LOCATION: Elevation: 1692' Quadrangle: Fairmont East

District: Winfield County: Marion
Latitude: 1481' Feet South of 39 Deg. 27 Min. 30 Sec.
Longitude 1433' Feet West of 80 Deg. 00 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: Eric Gillespie	13 3/8"	455'	455'	510 cf
Inspector: Sam Ward	9 5/8"	3112'	3112'	1365 cf
Date Permit Issued: 4/8/2011	5 1/2"	15611'	15611'	3788 cf
Date Well Work Commenced: 6/8/2011				
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): 7,483'(cement plug @15,517')				
Total Measured Depth (ft): 15,622'				
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				

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

Producing formation Marcellus Pay zone depth (ft) 7,779'-15,422'

Gas: Initial open flow 3,352 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 4,864 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 @ 15,517'

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

(See attached)

FORMATION/LITHOLOGY	TOP DEPTH (ft)	BOTTOM DEPTH (ft)
Shale	0	860
Shale and LS	860	890
Shale	890	950
Shale and Sltst	950	1010
LS and Shale	1010	1190
LS and SS	1190	1310
Shale and minor SS	1310	1700
Big Injun	1700	2020
Shale and minor SS	2020	2590
Shale and Sltst	2590	2750
Balltown	2750	2998
Shale and minor Sltst	2998	6990
Shale and LS	6990	7040
Shale	7040	7124
Geneseo	7124	7165
Tully	7165	7234
Hamilton	7234	7470
Marcellus	7470	15562