

WR-35  
Rev (9-11)State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas  
Well Operator's Report of Well WorkDATE: 2-1-2012  
API #: 47-049-02143Farm name: Bryan Neel Operator Well No.: 5H (833070)LOCATION: Elevation: 1692' Quadrangle: Fairmont EastDistrict: 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/dFinal open flow ----- MCF/d Final open flow ----- Bbl/dTime of open flow between initial and final tests ----- HoursStatic rock Pressure 4,864 psig (surface pressure) after ----- HoursSecond producing formation ----- Pay zone depth (ft) -----Gas: Initial open flow ----- MCF/d Oil: Initial open flow ----- Bbl/dFinal open flow ----- MCF/d Final open flow ----- Bbl/dTime of open flow between initial and final tests ----- HoursStatic rock Pressure ----- psig (surface pressure) after ----- Hours

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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.

Mahlen Williams  
Signature5-18-2012  
Date

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

Were cuttings caught during drilling? Yes **X** \_\_\_\_\_ 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'**

Formations Encountered:	Top Depth	/	Bottom Depth
Surface:			

(See attached)

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<b>FORMATION/LITHOLOGY</b>	<b>TOP DEPTH (ft)</b>	<b>BOTTOM DEPTH (ft)</b>
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

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PERFORATION RECORD ATTACHMENT

Well Name and Number: Bryan Neel 5H (833070)

PERFORATION RECORD			STIMULATION RECORD							
Date	Interval Perforated		Date	Interval Treated		Fluid		Propping Agent		Average Injection
	From	To		Type	Amount	Type	Amount			
11/30/2011	15,040	15,422	11/30/2011	15,040	15,422	Slk Wtr	10,202	Sand	572,293	80
12/1/2011	14,565	14,947	12/1/2011	14,565	14,947	Slk Wtr	9,796	Sand	573,223	82
12/2/2011	14,090	14,472	12/2/2011	14,090	14,472	Slk Wtr	10,494	Sand	572,884	84
12/3/2011	13,615	13,997	12/3/2011	13,615	13,997	Slk Wtr	9,730	Sand	570,686	84
12/4/2011	13,140	13,522	12/4/2011	13,140	13,522	Slk Wtr	9,884	Sand	570,043	85
12/5/2011	12,665	13,047	12/5/2011	12,665	13,047	Slk Wtr	9,896	Sand	572,193	76
12/6/2011	12,190	12,572	12/6/2011	12,190	12,572	Slk Wtr	9,699	Sand	574,110	86
12/7/2011	11,715	12,097	12/7/2011	11,715	12,097	Slk Wtr	8,925	Sand	482,184	86
12/8/2011	11,240	11,622	12/8/2011	11,240	11,622	Slk Wtr	9,737	Sand	627,494	80
12/9/2011	10,746	11,147	12/9/2011	10,746	11,147	Slk Wtr	9,536	Sand	571,939	83
12/10/2011	10,154	10,653	12/10/2011	10,154	10,653	Slk Wtr	9,717	Sand	570,668	84
12/10/2011	9,679	10,061	12/10/2011	9,679	10,061	Slk Wtr	11,041	Sand	571,026	82
12/11/2011	9,204	9,586	12/11/2011	9,204	9,586	Slk Wtr	9,587	Sand	568,010	83
12/12/2011	8,729	9,111	12/12/2011	8,729	9,111	Slk Wtr	9,368	Sand	570,237	84
12/12/2011	8,254	8,636	12/12/2011	8,254	8,636	Slk Wtr	10,698	Sand	625,192	83
12/13/2011	7,779	8,161	12/13/2011	7,779	8,161	Slk Wtr	10,328	Sand	569,947	83

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