

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: 3-2-2012  
API #: 047-103-02449 ✓

Farm name: Martin R. Whiteman Jr Operator Well No.: 5H (627374)

LOCATION: Elevation: 1391' Quadrangle: Wileyville

District: Center County: Wetzel  
Latitude: 800' Feet South of 39 Deg. 42 Min. 30 Sec.  
Longitude 3350' Feet West of 80 Deg. 37 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"	40'	40'	
Agent: Eric Gillespie	13 3/8"	1388'	1388'	1446 cf
Inspector: <b>David Scranage</b>	9 5/8"	2770'	2770'	1239 cf
Date Permit Issued: 2/18/2009	5 1/2"	10410'	10410'	1636 cf
Date Well Work Commenced: 4/29/2009	2 3/8"	7958'	7958'	
Date Well Work Completed: 10/20/2009				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7,395' (10,355' plugged back depth)				
Total Measured Depth (ft): 10,410'				
Fresh Water Depth (ft.): 400'				
Salt Water Depth (ft.): None				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 1233', 1810', 2200'				
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) 8,100' - 10,277'  
Gas: Initial open flow 3,054 MCF/d Oil: Initial open flow 0 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 4,807 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

4-23-2012  
Date

05/18/2012

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 n/a

**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 10,355'

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

(See Attached)

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LITHOLOGY	TOP DEPTH (FT)	BOTTOM DEPTH (FT)
SHALE/SLTSTN	0	700
SHALE	700	1233
Pittsburgh Coal	1233	1242
SHALE	1242	1826
Salt Sands	1826	1940
SS/SH/SILT	1940	2000
SHALE	2000	2138
SS	2138	2140
Maxton	2140	2176
SS/SH/SILT	2176	2190
SHALE	2190	2300
LMST	2300	2362
Big Lime	2362	2415
Big Injun	2415	2658
SHALE	2658	3254
Gordon	3254	3264
SS	3264	3300
SHALE	3300	3846
SS	3846	3866
SHALE	3866	4776
Benson	4776	4800
SHALE	4800	4824
SS	4824	4832
SHALE	4832	4838
SS	4838	4842
SHALE	4842	4846
SS	4846	4864
SHALE	4864	4870
SS	4870	4878
SHALE	4878	7464
Geneseo	7464	7502
Tully	7502	7524
Hamilton	7524	7658
Marcellus	7658	10407

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