

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 10-2-2012
API #: 47-103-02236

Farm name: Martin R Whitman Jr 1 Operator Well No.: 625599

LOCATION: Elevation: 1370' Quadrangle: Wileyville 7.5

District: Center County: Wetzel
Latitude: 725' Feet South of 39 Deg. 42 Min. 30 Sec.
Longitude 3700' Feet West of 79 Deg. 40 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"	40'	40'	Driven
Agent: <u>Eric Gillespie</u>	13 3/8"	1309'	1309'	1190 Cu. Ft.
Inspector: <u>Mike Underwood</u>	9 5/8"	2719'	2719'	443 Cu. Ft.
Date Permit Issued: <u>5-4-2007</u>	5 1/2"	7780'	7780'	982 Cu. Ft.
Date Well Work Commenced: <u>6-11-2007</u>				
Date Well Work Completed: <u>10-26-2007</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>7722' (PBSD 7,660')</u>				
Total Measured Depth (ft): <u>7780'</u>				
Fresh Water Depth (ft.): <u>283'</u>				
Salt Water Depth (ft.): <u>2892'</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>933-940', 1064'-1066'</u>				
Void(s) encountered (N/Y) Depth(s) <u>N</u>				

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

Producing formation Marcellus Pay zone depth (ft) 7,124'-7,422'

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 46* MCF/d Final open flow 0 Bbl/d
Time of open flow between initial and final tests 120 Hours *Calculated
Static rock Pressure 5,057* 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

10/3/2012
Date

11/09/2012

Were core samples taken? Yes Y No _____

Were cuttings caught during drilling? Yes Y No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list _____
TRIPLE COMBO DIPOLE SONIC FROM 2650'-7780'

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):

Formations Encountered:	Top Depth	Bottom Depth
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(See attached)

11/09/2012

PILOT WELLBORE

Maximum TVD of wellbore: 7722 ft TVD @ 7780 ft MD

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
SH/LS/SS	0	0	933	933
COAL	933	933	940	940
SANDY SH	940	940	1064	1064
COAL	1064	1064	1066	1066
SILTY SH	1066	1066	2364	2363
BIG LIME (LS)	2364	2363	2414	2412
BIG INJUN (SS)	2414	2412	2605	2603
SANDY SH	2605	2603	3005	3002
BEREA (SS)	3005	3002	3105	3102
SILTY SH	3105	3102	7193	7189
GENESEO (SH)	7193	7189	7221	7217
TULLY (LS)	7221	7217	7251	7246
HAMILTON (SH)	7251	7246	7334	7329
MARCELLUS (SH)	7334	7329	7379	7374
ONONDAGA	7379	7374	7421	7416
HUNTERVILLE	7421	7416	7612	7607
ORISKANY	7612	7607	7706	7690
HELDERBERG	7706	7690	7780	7722
PILOT TD			7780	7722

11/09/2012