

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

DATE: 8-7-2012  
API #: 47-049-02190

Farm name: Daniel Morris MRN 6H Operator Well No.: 834600

LOCATION: Elevation: 1,567' Quadrangle: Fairmont East

District: Winfield County: Marion  
Latitude: 3,053' Feet South of 39 Deg. 30 Min. 00 Sec.  
Longitude 8,978' 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"	119'	119'	230 Cu. Ft.
Agent: Eric Gillespie	13 3/8"	455'	455'	494 Cu. Ft.
Inspector: <b>Sam Ward</b>	9 5/8"	3149'	3149'	1504 Cu. Ft.
Date Permit Issued: 11-17-2011	5 1/2"	13724'	13724'	2638 Cu. Ft.
Date Well Work Commenced: 1-21-2012				
Date Well Work Completed: 3-27-2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7,370'				
Total Measured Depth (ft): 13,724'				
Fresh Water Depth (ft.): 350'				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 217'				
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) 7,855' - 13,591'  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow 2,442' MCF/d Final open flow 0 Bbl/d  
Time of open flow between initial and final tests 40 Hours \*Calculated  
Static rock Pressure 4,789' 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

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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.

Mardene Williams  
Signature

9-11-2012  
Date

11/09/2012





**LATERAL WELLBORE**

**Maximum TVD of wellbore:** 7370 ft TVD @ 7690 ft MD

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
SS	0	0	764	764
SLTSTN	764	764	806	806
SLTSTN/SHALE	806	806	828	828
SHALE	828	828	888	888
SS/SHALE	888	888	914	914
SS/SLTSTN	914	914	952	952
SS/LS	952	952	980	980
LS	980	980	1012	1012
LS/SS	1012	1012	1036	1036
LS	1036	1036	1130	1130
SS	1130	1130	1460	1460
SLTSN/SS	1460	1460	1490	1490
SS	1490	1490	1528	1528
SLTSTN/SS	1528	1528	1725	1725
SS	1725	1725	1790	1790
SS/SLTSTN	1790	1790	1810	1810
SLTSTN	1810	1810	1850	1850
SLTSTN/SHALE	1850	1850	2010	2010
SLTSTN/SS	2010	2010	2416	2416
SHALE/SS	2416	2416	2930	2930
SLTSTN/SS	2930	2930	3242	3242
SLTSTN/SHALE	3242	3242	3900	3900
SLTSTN/SS	3900	3900	4146	4146
SLTSTN/SHALE	4146	4146	5418	5418
SHALE	5418	5418	7104	7011
GENESEO	7104	7011	7134	7040
TULLY	7134	7040	7203	7103
HAMILTON	7203	7103	7464	7303
MARCELLUS	7464	7303	13724	7367
TD	13724	7367		0
		0		0

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