

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

DATE: 12-4-2012
API #: 47-069-00082

Farm name: Mark Hickman 5H Operator Well No.: 833343

LOCATION: Elevation: 1285' Quadrangle: Valley Grove WV

District: Triadelphia County: Ohio
Latitude: 1640' Feet South of 40 Deg. 02 Min. 30 Sec.
Longitude 710' Feet West of 80 Deg. 32 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	13 3/8"	759	759'	112 Cu. Ft.
Agent: Eric Gillespie	9 5/8"	2265'	2265'	920 Cu. Ft.
Inspector: Bill Hendershot	5 1/2"	13078'	13078'	3312 Cu. Ft.
Date Permit Issued: 5-17-2011				
Date Well Work Commenced: 8-14-2011				
Date Well Work Completed: 9-9-2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6698'				
Total Measured Depth (ft): 13078'				
Fresh Water Depth (ft.): 30'				
Salt Water Depth (ft.): 1015'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): ~700'				
Void(s) encountered (N/Y) Depth(s) Y ~700'				

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

Producing formation Marcellus Pay zone depth (ft) 7,150'-12,948'

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow 2,405' MCF/d Final open flow 104 Bbl/d

Time of open flow between initial and final tests 186 Hours

Static rock Pressure 4,297' 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.

M. Williams
Signature

12-11-2012
Date

01/25/2013

