

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

DATE: 1-26-2012
API #: 47-041-05594

Farm name: Lloyd McCauley Operator Well No.: 5H

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LOCATION: Elevation: 1451' Quadrangle: Walkersville

MAR 19 2012

District: Collins Settlement County: Lewis
Latitude: 3400' Feet South of 38 Deg. 50 Min. 00 Sec.
Longitude 9900' Feet West of 80 Deg. 25 Min. 00 Sec.

WV GEOLOGICAL SURVEY
MORGANTOWN, WV

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"	592'	592'	684 cf
Agent: Eric Gillespie	9 5/8"	1711'	1711'	761 cf
Inspector: Bryan Harris	7"	7392'	7392'	672 cf
Date Permit Issued: 11/17/2009	4 1/2"	10600'	4325.38'	449 cf
Date Well Work Commenced: 5/12/2010				
Date Well Work Completed: 8/28/2010				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,908'				
Total Measured Depth (ft): 10,612'				
Fresh Water Depth (ft.): 475'				
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) 7,343'-10,385'

Gas: Initial open flow 1,731 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 3,109 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.

Marko Williams
Signature

3-14-2012
Date

Formation/Lithology	Top Depth (ft)	Bottom Depth (ft)
SHALE/SS	0	300
LS/SS	300	600
SHALE	600	800
SS/LS	800	900
SHALE	900	1060
SS	1060	1443
LS	1371	1443
Big Lime	1443	1628
Big Injun	1628	1667
SHALE	1667	6869
Geneseo	6869	6955
Tully	6955	6782
Hamilton	6782	7205
Marcellus	7205	10612

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