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:	1-26-2012	
API#:	47-041-05593	REVISED

Farm name: Lloyd McCauley	Operator Well No.: 3H (831601)  Quadrangle: Walkersville					
LOCATION: Elevation: 1451'						
District: Collins Settlement	County: Lewis	5				
Latitude: 3,420' Feet South of 38 Deg.			C.			
Company: Chesapeake Appalachia, L.L.C.						
Address: P.O. Box 18496	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.		
Oklahoma City, OK 73154-0496	13 3/8"	605'	605'	649 cf		
Agent: Eric Gillespie	9 5/8"	1731'	1731'	774 cf		
Inspector: Bryan Harris	7"	7215'	7215'	629 cf		
Date Permit Issued: 11/17/2009	4 1/2"	10698'	4768.64'	529 cf		
Date Well Work Commenced: 1/6/2010						
Date Well Work Completed: 8/23/2010						
Verbal Plugging:	·					
Date Permission granted on:						
Rotary Cable Rig						
Total Vertical Depth (ft): 6,886'						
Total Measured Depth (ft): 10,708'						
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 formation Producing formation Marcellus Pay 2  Gas: Initial open flow 2,027 MCF/d Oil: Initial open flow MCF/d Final open flow	zone depth (ft)	7,096'-10,558' bl/d	ata on separate s	heet)		
Time of open flow between initial and final tests	• • • • • • • • • • • • • • • • • • • •					
Static rock Pressure 3.099 psig (surface pressure) after Hours			RECEIVED Office of Oil & Gas			
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			MAR 2 0 2012			
Final open flowMCF/d Final open flow Time of open flow between initial and final tests		W Der	eriment of			
Static rock Pressurepsig (surface pressure) af	rs É	Environmental Protection				

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.

Marlens Williams
Signature

3 (10-20/2) Date 12/14/2012

Were core samples taken? YesNo_X	Wer	e cuttings caught du	ring drilling? Yes X	No			
Were Electrical, Mechanical or Geophysical logs reco	re Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Mechanical						
NOTE: IN THE AREA BELOW PUT THE FRACTURING OR STIMULATING, PHYSICA DETAILED GEOLOGICAL RECORD OF TH COAL ENCOUNTERED BY THE WELLBORE	L CHANGE, ETC HE TOPS AND H	C. 2). THE WELL I BOTTOMS OF AI	LOG WHICH IS A SYLL FORMATIONS,	YSTEMATIC			
Perforated Intervals, Fracturing, or Stimulating:							
See Attached							
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Plug Back Details Including Plug Type and Depth(s):	PBTD - Ceme	ent @ 12,280'					
				<del></del>			
Formations Encountered: Surface:	Top Depth	1	Bottom I	<u>Depth</u>			
See Attached							
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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	1371
LS	1371	1443
Big Lime	1443	1994
First Sand	1994	2519
Lower Huron	2519	2992
Ball Town	2992	3993
Benson	3993	5243
Elk	5243	6502
Middlesex	6502	6712
Geneseo	6712	6752
Tully	6752	6774
Hamilton	6774	6843
Marcellus	6843	6873
Lower Marcellus	6873	10708

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## PERFORATION RECORD ATTACHMENT

Well Name and Number: Lloyd McCauley 3H (831601)

PERFO	PERFORATION RECORD		STIMULATION RECORD							
T	Interval P	erforated			Fluid		Propping Agent		Average	
Date	From	То	Date	Interval	Treated	Туре	Amount	Туре	Amount	Injection
8/10/2010	10,136	10,558	8/10/2010	10,136	10,558	Slk Wtr	11,659	Sand	314,532	83
8/18/2010	9,736	10,058	8/18/2010	9,736	10,058	Slk Wtr	7,109	Sand	320,431	82
8/19/2010	9,336	9,658	8/19/2010	9,336	9,658	Slk Wtr	8,431	Sand	408,478	85
8/19/2010	8,936	9,258	8/19/2010	8,936	9,258	Slk Wtr	7,739	Sand	409,203	85
8/20/2010	8,616	8,858	8/20/2010	8,616	8,858	Slk Wtr	5,635	Sand	324,447	80
8/20/2010	8,296	8,538	8/20/2010	8,296	8,538	Slk Wtr	6,758	Sand	326,533	86
8/22/2010	7,896	8,218	8/22/2010	7,896	8,218	Slk Wtr	7,482	Sand	398,189	85
8/21/2010	7,496	7,818	8/21/2010	7,496	7,818	Slk Wtr	8,230	Sand	330,729	83
8/23/2010	7,096	7,418	8/23/2010	7,096	7,418	Slk Wtr	7,708	Sand	407,484	82
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