

WR-35
Rev (8-10)

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

DATE: 8/16/2011
API #: 47-051-01255

RECEIVED

FEB 6 2012

WV GEOLOGICAL SURVEY
MORGANTOWN, WV

Farm name: Randy McDowell B 5H Operator Well No.: 627051

LOCATION: Elevation: 1356 GL Quadrangle: Wileyville

District: Meade-Marshall County: Marshall
Latitude: 1,250 Feet South of 39 Deg. 45 Min. 00 Sec.
Longitude 4,600 Feet West of 80 Deg. 40 Min. 00 Sec.

Company: Chesapeake Appalachia, LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 18496, Oklahoma City, OK 73154	20"	60'	60'	driven
Agent: <u>Eric Gillespie</u>	13 3/8"	1,232'	1,232'	1251 cf
Inspector: <u>David K. Scranage</u>	9 5/8"	2,726'	2,726'	1084 cf
Date Permit Issued: <u>5/20/2009</u>	5 1/2"	10,617'	10,617'	2466 cf
Date Well Work Commenced: <u>1/24/2011</u>				
Date Well Work Completed: <u>3/28/2011</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>7,135'</u>				
Total Measured Depth (ft): <u>10,616'</u>				
Fresh Water Depth (ft.): <u>360'</u>				
Salt Water Depth (ft.): <u>NONE</u>				
Is coal being mined in area (N/Y)? <u>NO</u>				
Coal Depths (ft.): <u>275', 1065'</u>				
Void(s) encountered (N/Y) Depth(s)				

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

Producing formation Marcellus Pay zone depth (ft) 7,498'-10,500'

Gas: Initial open flow 6,552 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 4638 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

2-3-2012
Date

LITHOLOGY	TOP DEPTH (FT)	BOTTOM DEPTH (FT)
SHALE AND SS	0	275
COAL	275	277
SHALE and SS	277	1065
COAL	1065	1067
SHALE and SS	1067	1140
Pittsburgh Coal	1140	1149
SHALE and SS	1149	1540
SHALE and SS	1540	1570
LMST	1570	1610
LMST and SS	1610	1620
LMST and SHALE	1620	1642
SS	1642	1690
SS and SHALE	1690	1700
COAL	1700	1710
COAL and SHALE	1710	1720
SHALE and SS	1720	1740
SHALE	1740	1770
SS and SHALE	1770	1780
SS	1780	1790
SS and SHALE	1790	1810
SHALE and SS	1810	1851
Salt Sands	1851	1888
SHALE	1888	1910
SS	1910	1960
SS and COAL	1960	2000
SS	2000	2037
Maxton	2037	2057
SS and SHALE	2057	2226
SS	2226	2235
Big Lime	2235	2301
LMST	2301	2260
LMST and SS	2260	2280
LMST and SHALE	2280	2289
Big Injun	2289	2538
SS and LMST	2538	2340
SS	2340	2450
SHALE and SS	2450	2460
SS and SHALE	2460	2470
SS	2470	2550
SHALE and SS	2550	2556
Geneseo	2556	2567
SHALE	2567	2652
SHALE and SS	2652	2710
SHALE	2710	6826

RECEIVED

FEB 9 2012

WV GEOLOGICAL SURVEY
MORGANTOWN, WV

RECEIVED

FEB 6 2012

WV GEOLOGICAL SURVEY
MORGANTOWN, WV

SHALE and LMST	6826	6834
SHALE	6834	6924
SHALE and LMST	6924	6926
LMST and SHALE	6926	6934
SHALE and LMST	6934	6950
SHALE	6950	6970
SHALE and LMST	6970	6980
LMST and SHALE	6980	6990
SHALE	6990	7100
SHALE and LMST	7100	7120
LMST and SHALE	7120	7182
Tully	7182	7204
SHALE and LMST	7204	7200
SHALE	7200	7230
LMST and SHALE	7230	7292
SHALE	7292	7496
Marcellus	7496	10615

