

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: 8/22/2011  
API #: 47-051-101253

Farm name: MCDOWELL, RANDY & LISA Operator Well No.: 627049 (1H)

LOCATION: Elevation: 1,356' Quadrangle: WILEYVILLE

District: MEADE - MARSHALL County: MARSHALL  
Latitude: 1,243 Feet South of 39 Deg. 45 Min. 00 Sec.  
Longitude 4,608 Feet West of 80 Deg. 40 Min. 00 Sec.

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MORGANTHAU, WV

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				
Agent: <u>Eric Gillespie</u>	13 3/8"	1,227'	1,227'	1,392 cf
Inspector: <u>DAVID SCRANAGE</u>	9 5/8"	2,714'	2,714'	1,156 cf
Date Permit Issued: <u>1/27/2010</u>	5 1/2"	12,575'	12,575'	1,822 cf
Date Well Work Commenced: <u>1/31/2010</u>				
Date Well Work Completed: <u>7/27/2010</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Vertical Depth (ft): <u>7,180'</u>				
Total Measured Depth (ft): <u>12,620'</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', 1140'</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) 7,880-12,397'

Gas: Initial open flow 5,261 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 4,667 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.

Marlane Williams  
Signature

3-2-2012  
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	1220
SHALE	1220	1450
SS	1450	1490
SS and SHALE	1490	1530
SHALE and SS	1530	1650
SS and SHALE	1650	1700
SS	1700	1820
SS and SHALE	1820	1851
Salt Sands	1851	1888
SS	1888	2010
SHALE and SS	2010	2037
Maxton	2037	2057
SS and SHALE	2057	2050
SHALE and SS	2050	2100
SS and SHALE	2100	2130
SS	2130	2160
SS and SHALE	2160	2190
SHALE and SS	2190	2220
SS and SHALE	2220	2230
LMST	2230	2235
Big Lime	2235	2289
Big Injun	2289	2538
LMST and SS	2538	2320
SS	2320	2470
SHALE and SS	2470	2530
SS and SHALE	2530	2550
SHALE and SS	2550	2560
SHALE	2560	2870
SHALE and SS	2870	3000
SHALE	3000	3100
SHALE and SS	3100	3270
SHALE	3270	3590
SHALE and SS	3590	3810
SS and SHALE	3810	3870
SS	3870	3930
SHALE and SS	3930	4050
SHALE	4050	4690
SHALE and SS	4690	4770

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SHALE	4770	5310
SHALE and SS	5310	5400
SS and SHALE	5400	5550
SHALE and SS	5550	5650
SHALE	5650	5690
SHALE and SS	5690	5790
SHALE	5790	7216
Tully	7216	7238
SHALE and LMST	7238	7259
Hamilton	7259	7467
Marcellus	7467	12620

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