

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 #: 47-051-01254

Farm name: MCDOWELL, RANDY & LISA Operator Well No.: 627050 (3H)

LOCATION: Elevation: 1,356 Quadrangle: WILEYVILLE

District: MEADE - MARSHALL County: MARSHALL
Latitude: 1,230' Feet South of 39 Deg. 45 Min. 00 Sec.
Longitude 1,990' 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				
Agent: <u>Eric Gillespie</u>	13 3/8"	1,227'	1,227'	1,369 cf
Inspector: <u>DAVID SCRANAGE</u>	9 5/8"	2,693'	2,693'	1,152 cf
Date Permit Issued: <u>6/15/2009</u>	5 1/2"	11,561'	11,561'	1,595 cf
Date Well Work Commenced: <u>2/25/2010</u>				
Date Well Work Completed: <u>7/29/2010</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig				
Total Vertical Depth (ft): <u>7,081'</u>				
Total Measured Depth (ft): <u>11,565'</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) 7,588'-11,466'

Gas: Initial open flow 5,475 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 4,603 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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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.

Marlowe Williams
Signature

11/22/2011
Date

01/27/2012

Were core samples taken? Yes _____ No

Were cuttings caught during drilling? Yes No _____

Were Electrical, Mechanical, or Geophysical logs recorded on this well?
Y/N Y/N Y/N

NOTE: IN THE AREA BELOW PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF THE TOPS AND BOTTOMS OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE FROM SURFACE TO TOTAL DEPTH.

Perforated Intervals, Fracturing, or Stimulating:

(see attached)

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth _____
Surface: _____

(see attached)

FORMATION/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	1240
SHALE	1240	1450
SS	1450	1550
SHALE and SS	1550	1600
SS and SHALE	1600	1632
SS	1632	1820
SS and SHALE	1820	1850
SS	1850	1851
Salt Sands	1851	1890
SHALE and SS	1890	1940
SS	1940	1970
SS and SHALE	1970	2000
SHALE and SS	2000	2030
SS and SHALE	2030	2037
Maxton	2037	2057
SHALE and SS	2057	2090
SHALE	2090	2120
SS and SHALE	2120	2150
SHALE and SS	2150	2208
LMST	2208	2235
Big Lime	2235	2289
Big Injun	2289	2538
LMST and SS	2538	2540
SS	2540	2558
SHALE	2558	2776
SHALE and SS	2776	2802
SHALE	2802	2950
SHALE and SS	2950	3080
SHALE	3080	3200
SHALE and SS	3200	3260
SHALE	3260	3740
SHALE and SS	3740	4050
SHALE	4050	4302
SHALE and SS	4302	4360
SHALE	4360	5300
SHALE and SS	5300	5400
SS and SHALE	5400	5450
SHALE and SS	5450	5570

SHALE	5570	5700
SHALE and SS	5700	5800
SHALE	5800	7127
Tully	7127	7149
LMST and SHALE	7149	7170
SHALE	7170	7180
SHALE and LMST	7180	7182
Hamilton	7182	7274
SHALE	7274	7395
Marcellus	7395	11565