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WV GEOLOGICAL SURVEY
MORGANTOWN, WV

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: 8/24/2011
API #: 47-051-01383

Farm name: RANDALL L. MCDOWELL & LISA ALLEN Operator Well No.: 627053 MCDOWELL B 8H REV.

LOCATION: Elevation: 1,356' Quadrangle: WILEYVILLE

District: MEADE County: MARSHALL
Latitude: 10,650' Feet South of 39 Deg. 45 Min. 00 Sec.
Longitude 6,950' 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"	40'	40'	driven
Agent: Eric Gillespie	13 3/8"	1,228'	1,228"	1,404 cf
Inspector: DAVID SCRANAGE	9 5/8"	2,732'	2,732'	1,022 cf
Date Permit Issued: 8/25/2010	5 1/2"	10,498'	10,498'	2,418 cf
Date Well Work Commenced: 8/20/2010				
Date Well Work Completed: 3/28/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Vertical Depth (ft): 7,137' & 7,134'				
Total Measured Depth (ft): 10,492'				
Fresh Water Depth (ft.): 360'				
Salt Water Depth (ft.): NONE				
Is coal being mined in area (N/Y)? NO				
Coal Depths (ft.): 275', 1065'				
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) 7,403'-10-350'
Gas: Initial open flow 3,274 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 4,639 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

12-7-2011
Date

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Were core samples taken? Yes_____ No X_____ Were cuttings caught during drilling? Yes X_____ No_____

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

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)

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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
SHALE and SS	2538	2580
SHALE	2580	3970
SHALE and SS	3970	4030
SHALE	4030	7018
Geneseo	7018	7068
Tully	7068	7090
LMST and SHALE	7090	7100
SHALE and LMST	7100	7110
SHALE	7110	7124
Hamilton	7124	7339
Marcellus	7339	10492

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PERFORATION RECORD ATTACHMENT

Well Name (Number): Randy Mcdowell B 8H (627053)

PERFORATION RECORD			STIMULATION RECORD							
	Interval Perforated					Fluid		Propping Agent		Average
Date	From	To	Date	Interval Treated		Type	Amount	Type	Amount	Injection
3/17/2011	10,108	10,350	3/17/2011	10,108	10,350	Slk Wtr	10,300	Sand	439,477	81.0
3/18/2011	9,808	10,050	3/18/2011	9,808	10,050	Slk Wtr	9,524	Sand	456,650	84.0
3/18/2011	9,508	9,754	3/18/2011	9,508	9,754	Slk Wtr	9,565	Sand	456,500	86.0
3/19/2011	9,208	9,452	3/19/2011	9,208	9,452	Slk Wtr	9,869	Sand	449,389	86.0
3/22/2011	8,908	9,150	3/22/2011	8,908	9,150	Slk Wtr	9,663	Sand	454,040	89.0
3/23/2011	8,608	8,834	3/23/2011	8,608	8,834	Slk Wtr	10,506	Sand	455,488	86.0
3/24/2011	8,308	8,550	3/24/2011	8,308	8,550	Slk Wtr	9,036	Sand	361,030	85.0
3/26/2011	8,008	8,250	3/26/2011	8,008	8,250	Slk Wtr	9,638	Sand	450,338	86.0
3/27/2011	7,708	7,950	3/27/2011	7,708	7,950	Slk Wtr	9,590	Sand	447,800	86.0
3/28/2011	7,408	7,650	3/28/2011	7,408	7,650	Slk Wtr	9,708	Sand	433,500	85.0

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