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: 1-27-2010
API #: 47-009-00093

Farm name: Barry Greathouse A Operator Well No.: 10H (833221)

LOCATION: Elevation: 1150' Quadrangle: Tiltonsville

District: Buffalo County: Brooke
Latitude: 2980' Feet South of 40 Deg. 12 Min. 30 Sec.
Longitude 6140 Feet West of 80 Deg. 37 Min. 30 Sec.

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	20"	60'	60'	Driven
Agent: Eric Gillespie	13 3/8"	334'	334'	400 cf
Inspector: Bill Hendershot	9 5/8"	1712'	1712'	788 cf
Date Permit Issued: 5/6/2011	5 1/2"	11598'	11598'	3050 cf
Date Well Work Commenced: 5/13/2011				
Date Well Work Completed: 9/20/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary ☑ Cable ☐ Rig ☐				
Total Vertical Depth (ft): 5,897'(cement plug @11,508')				
Total Measured Depth (ft): 11,598'				
Fresh Water Depth (ft.): 525'				
Salt Water Depth (ft.): 1136'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 296				
Void(s) encountered (N/Y) Depth(s) N				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)
Producing formation Marcellus Pay zone depth (ft) 6,292'-11,424'
Gas: Initial open flow 994 MCF/d Oil: Initial open flow 167 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 3,833 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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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

5/8/2012
Date

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

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list GR, density, neutron, induction

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)

Plug Back Details Including Plug Type and Depth(s): Cement @ 11,508

Formations Encountered: Top Depth / Bottom Depth
Surface:

LS / SS | 0 | 296
Pittsburgh Coal | 296 - 305
SHALE | 305 - 350
SHALE / SS | 350 - 480
SS | 480 - 950
SHALE | 950 - 1050
SS | 1050 - 1320
SS / SHALE | 1320 - 1440
BIG INJUN | 1440 - 1577
SHALE | 1572 - 5876
GENESEO | 5876 - 5896
TULLY | 5896 - 5978
HAMILTON | 5978 - 6198
MARCELLUS | 6198 - 11598

PERFORATION RECORD ATTACHMENT

Well Name and Number: Barry Greathouse A 10H (833221)

PERFORATION RECORD			STIMULATION RECORD							
	Interval Perforated					*Fluid*		*Propping Agent*		Average
Date	From	To	Date	Interval Treated		Type	Amount	Type	Amount	Injection
9/10/2011	11,042	11,424	9/10/2011	11,042	11,424	Slk Wtr	15,694	Sand	568,385	81.0
9/10/2011	10,567	10,949	9/10/2011	10,567	10,949	Slk Wtr	10,631	Sand	570,785	88.0
9/11/2011	10,092	10,477	9/11/2011	10,092	10,477	Slk Wtr	12,632	Sand	570,706	85.0
9/12/2011	9,623	9,999	9/12/2011	9,623	9,999	Slk Wtr	12,931	Sand	247,596	61.0
9/13/2011	9,142	9,524	9/13/2011	9,142	9,524	Slk Wtr	10,610	Sand	570,190	70.0
9/16/2011	8,667	9,049	9/16/2011	8,667	9,049	Slk Wtr	10,550	Sand	572,831	82.0
9/17/2011	8,192	8,574	9/17/2011	8,192	8,574	Slk Wtr	10,005	Sand	572,847	86.0
9/18/2011	7,717	8,099	9/18/2011	7,717	8,099	Slk Wtr	9,474	Sand	570,327	87.0
9/19/2011	7,242	7,624	9/19/2011	7,242	7,624	Slk Wtr	9,343	Sand	570,000	85.0
9/19/2011	6,767	7,149	9/19/2011	6,767	7,149	Slk Wtr	9,897	Sand	571,558	85.0
9/20/2011	6,292	6,674	9/20/2011	6,292	6,674	Slk Wtr	9,946	Sand	571,102	87.0