

WR-35
Rev (9-11)

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

DATE: 9-26-2013
API #: 47-069-00165

Farm name: Clarence Farmer OHI 3H Operator Well No.: 837453

LOCATION: Elevation: 1,330' Quadrangle: Bethany

District: Liberty County: Ohio
Latitude: 9.550' Feet South of 40 Deg. 10 Min. 00 Sec.
Longitude 7.140' Feet West of 80 Deg. 32 Min. 30 Sec.

Company: Chesapeake Appalachia, L.L.C.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 18496 Oklahoma City, OK 73154-0496	20"	122'	122'	365 Cu. Ft.
Agent: Eric Gillespie	13 3/8"	723'	723'	780 Cu. Ft.
Inspector: Gayne J. Knitowski	9 5/8"	2,080'	2,080'	887 Cu. Ft.
Date Permit Issued: 5-6-2013	5 1/2"	12,860'	12,860'	3,095 Cu. Ft.
Date Well Work Commenced: 6-20-2013				
Date Well Work Completed: 7-3-2013(Rig release date)				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6,321'				
Total Measured Depth (ft): 12,860'				
Fresh Water Depth (ft.): 440'				
Salt Water Depth (ft.): 750'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 633'				
Void(s) encountered (N/Y) Depth(s) Y 633'				

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

Producing formation Marcellus Pay zone depth (ft) Completing*

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

*Estimated Frac 11/23/2013

*Estimated Flow 3/3/2014

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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WV GEOLOGICAL SURVEY
MORGANTOWN WV

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

11-7-2013
Date

LATERAL WELLBORE (no vertical pilot hole associated with this well)

Maximum TVD of wellbore: 6248 ft TVD @ 12827 ft MD

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)	FLUID/GAS TYPE
SILTSTONE W/ SHALE	0	0	633	633	NA
PITTSBURG COAL	633	633	643	643	20 gas units
SHALE W/ SILTSTONE	643	643	1000	1000	NA
SS W/ SHALE	1000	1000	1610	1610	NA
BIG LIME	1610	1610	1754	1753	NA
BIG INJUN (SS)	1754	1753	1962	1960	250 gas units
SHALE W/ SILTSTONE	1962	1960	6204	6155	NA
GENESEO (SH)	6204	6155	6224	6169	1200 gas units
TULLY (LS)	6224	6169	6294	6215	NA
HAMILTON (SH)	6294	6215	6529	6321	800 gas units
MARCELLUS (SH)	6529	6321			2400 gas units
TD OF LATERAL			12827	6248	

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NOV 19 2013

STATE OF MICHIGAN
DEPARTMENT OF ENERGY