

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

DATE: 1-3-2013
API #: 47-069-00073

Farm name: Clarence Farmer 10H Operator Well No.: 832974

LOCATION: Elevation: 1345' Quadrangle: Bethany, WV

District: Liberty County: Ohio
Latitude: 9500' Feet South of 40 Deg. 10 Min. 00 Sec.
Longitude 7140' 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"	96'	96'	280 Cu. Ft.
Agent: Eric Gillespie	13 3/8"	690'	690'	802 Cu. Ft.
Inspector: Bill Hendershot	9 5/8"	2137'	2137'	870 Cu. Ft.
Date Permit Issued: 1/13/2011	5 1/2"	11402'	11402'	2666 Cu. Ft.
Date Well Work Commenced: 4/24/2011				
Date Well Work Completed: 11/28/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6418'				
Total Measured Depth (ft): 11405'				
Fresh Water Depth (ft.): 300'				
Salt Water Depth (ft.): 1000'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 625'				
Void(s) encountered (N/Y) Depth(s) Y 625'				

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

Producing formation Marcellus Pay zone depth (ft) 7,078-11,280

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d
Final open flow 2,038 MCF/d Final open flow 255 Bbl/d
Time of open flow between initial and final tests 36 Hours *Calculated
Static rock Pressure 4,172 psig (surface pressure) after 36 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

RECEIVED
OFFICE OF OIL & GAS
JAN 4 2013
STATE OF WEST VIRGINIA
DEPARTMENT OF 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.

Marlene Williams
Signature

1-3-2013
Date

01/25/2013

Were core samples taken? Yes _____ No N

Were cuttings caught during drilling? Yes Y No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list GR, neutron, density, and resistivity
open hole logs run from 62-2161' MD; LWD GR from 5400-11405' MD.

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):

<u>Formations Encountered:</u>	<u>Top Depth</u>	/	<u>Bottom Depth</u>
<u>Surface:</u>			

See attached
