

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: 7-22-2013
API #: 47-051-01611

Farm name: Fork Ridge MSH 1H Operator Well No.: 836621

LOCATION: Elevation: 1,260' Quadrangle: Glen Easton 7.5

District: Cameron County: Marshall
Latitude: 6,470' Feet South of 39 Deg. 52 Min. 30 Sec.
Longitude 11,378' Feet West of 80 Deg. 37 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"	120'	120'	364 Cu. Ft.
Agent: Eric Gillespie	13 3/8"	783'	783'	859 Cu. Ft.
Inspector: Derek Haught	9 5/8"	2,450'	2,450'	1,139 Cu. Ft.
Date Permit Issued: 1-4-2013	5 1/2"	12,071'	12,071'	2,767 Cu. Ft.
Date Well Work Commenced: 2-25-2013				
Date Well Work Completed: 3-14-2013 (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): 6,749'				
Total Measured Depth (ft): 12,076'				
Fresh Water Depth (ft.): 661'				
Salt Water Depth (ft.): 1,047'				
Is coal being mined in area (N/Y)? Y				
Coal Depths (ft.): 961'				
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) 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

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

7-22-2013
Date

unnamed (0) 6-4

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 MWD Gamma from 6087-12076

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:

TIL 6/1/2014

Plug Back Details Including Plug Type and Depth(s):

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

See attached

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

Maximum TVD of wellbore: 6749 ft TVD @ 12076 ft MD

Formation/Lithology	Top Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, MD (ft)	Bottom Depth, TVD (ft)
SILTSTONE/LS	0	0	959	959
PITTSBURG COAL	959	959	969	969
SHALE W/ MINOR SS	969	969	1600	1600
SHALE W/ LS	1600	1600	2020	2020
BIG LIME	2020	2020	2094	2094
BIG INJUN (SS)	2094	2094	2316	2316
SHALE W/ SS	2316	2316	6718	6641
GENESEO (SH)	6718	6641	6744	6658
TULLY (LS)	6744	6658	6783	6681
HAMILTON (SH)	6783	6681	7010	6775
MARCELLUS (SH)	7010	6775		
TD OF LATERAL			12076	6749

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