

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: 2-24-2012
API #: 47-051-01323

Farm name: O E Burge MSH Operator Well No.: 10H (627382)

LOCATION: Elevation: 1355' Quadrangle: Glen Easton 7 1/2'

District: Liberty County: Marshall
Latitude: 1935' Feet South of 39 Deg. 47 Min. 30 Sec.
Longitude 14868' 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"	100'	100'	Driven
Agent: Eric Gillespie	13 3/8"	1224'	1224'	1310 cf
Inspector: Bill Hendershot	9 5/8"	2620'	2620'	1133 cf
Date Permit Issued: 10/30/2009	5 1/2"	13999'	13999'	3748 cf
Date Well Work Commenced: 10/11/2011				
Date Well Work Completed: 2/8/2012				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft): 7,123'(cement plug 13,880')				
Total Measured Depth (ft): 14,000'				
Fresh Water Depth (ft.): 104'				
Salt Water Depth (ft.): 1653'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 1080'				
Void(s) encountered (N/Y) Depth(s) N				

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

Producing formation Marcellus Pay zone depth (ft) 7,400'-13,861'
Gas: Initial open flow 6,985 MCF/d Oil: Initial open flow 29 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 4,630 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

5/7/2012
Date

10/19/2012

Were core samples taken? Yes _____ No

Were cuttings caught during drilling? Yes No _____

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list none

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 @ 13,880'

Formations Encountered: Surface:	Top Depth	/	Bottom Depth
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(See Attached)

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FORMATION/LITHOLOGY	TOP DEPTH (ft)	BOTTOM DEPTH (ft)
Shale and LS	0	340
LS, Shale, and SS	340	820
SS	820	1000
LS and Shale	1000	1079
Pittsburgh Coal	1079	1088
LS and Shale	1088	1530
Shale and LS	1530	1700
Shale and SS w/ minor LS	1700	2220
Big Injun	2220	2484
Shale	2484	4450
Shale w/ minor LS	4450	4530
Shale	4530	7020
LS and Shale	7020	7089
Geneseo	7089	7117
Tully	7117	7157
Hamilton	7157	7367
Marcellus	7367	7456
Shale w/ minor LS	7456	13866

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