

WR-35  
Rev (8-10)

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

DATE: 5-10-2011  
API #: 47-097-03761

Farm name: James Ogden 1H Operator Well No.: 832409

LOCATION: Elevation: 1950 GL Quadrangle: 582 - Rock Cave

District: 01 - Banks County: 097 - Upshur  
Latitude: 8523' Feet South of 38 Deg. 50 Min. 00 Sec.  
Longitude 6565' Feet West of 80 Deg. 15 Min. 00 Sec.

RECEIVED

SEP 28 2011

WV GEOLOGICAL SURVEY  
MORGANTOWN, WV

Company: Chesapeake Appalachia, LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
P.O. Box 18496, Oklahoma City, OK 73154	20"	80'	80'	91 cf
Agent: Eric Gillespie	13 3/8"	475'	475'	576 cf
Inspector: Bill Hatfield	9 5/8"	2409'	2409'	1144 cf
Date Permit Issued: 9-21-2010	5 1/2"	13,260'	13,260	2569 cf
Date Well Work Commenced: 12/25/2010				
Date Well Work Completed: 5/4/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): 7223'				
Total Measured Depth (ft): 13,260'				
Fresh Water Depth (ft.): 100', 375'				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? None				
Coal Depths (ft.): 150'				
Void(s) encountered (N/Y) Depth(s)				

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

Producing formation Marcellus Pay zone depth (ft) 7,592' - 13,114'

Gas: Initial open flow 1,927 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 3,250 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

9-21-2011  
Date

Were core samples taken? Yes \_\_\_\_\_ No X

Were cuttings caught during drilling? Yes X No \_\_\_\_\_

Were N Electrical, N Mechanical, Y or Geophysical logs recorded on this well?  
Y/N Y/N Y/N

**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:

Formation tops from mud logs from 2409' to 6927'. GRMWD used to pick formation tops from 6927' to TD.

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Formations Encountered: \_\_\_\_\_ Top Depth \_\_\_\_\_ / \_\_\_\_\_ Bottom Depth  
Surface:

Mudlogger start depth: 2409'

Interbedded sand and siltstone 2409'/3800'

Interbedded sand, siltstone, shale 3800'/4400'

Interbedded siltstone with sand 4400'/5070'

Siltstone, thin-bedded shale and sand 5070'/6927'

Geneseo 6927'/6935'

Tully 6935'/6953'

Hamilton 6953'/7050'

Marcellus 7050'/TD

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