

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.

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: <u>Eric Gillespie</u>	13 3/8"	475'	475'	576 cf
Inspector: <u>Bill Hatfield</u>	9 5/8"	2409'	2409'	1144 cf
Date Permit Issued: <u>9-21-2010</u>	5 1/2"	13,260'	13,260'	2569 cf
Date Well Work Commenced: <u>12/25/2010</u>				
Date Well Work Completed: <u>5/4/2011</u>				
Verbal Plugging:				
Date Permission granted on:				
Rotary Cable Rig				
Total Vertical Depth (ft): <u>7223'</u>				
Total Measured Depth (ft): <u>13,260'</u>				
Fresh Water Depth (ft.): <u>100', 375'</u>				
Salt Water Depth (ft.):				
Is coal being mined in area (N/Y)? <u>None</u>				
Coal Depths (ft.): <u>n/a</u>				
Void(s) encountered (N/Y) Depth(s)				

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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) 7,592' - 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

3/20/2012
Date

04/13/2012

FORMATION/LITHOLOGY	TOP DEPTH (ft)	BOTTOM DEPTH (ft)
SS and Shale	0	1425
Big Lime	1425	1646
Big Injun	1646	1856
SS and Sltst	1856	3600
SS and Shale w/ minor Sltst	3600	3989
Benson	3989	4400
Sltst and SS w/ minor Shale	4400	5050
Sltst and Shale w/ minor SS	5050	6895
Geneseo	6895	6931
Tully	6931	6962
Hamilton	6962	7049
Marcellus	7049	12599

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