

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

DATE: 10-25-2012
API #: 47-051-01295

Farm name: Ray Baker 8H Operator Well No.: 831193

LOCATION: Elevation: 1310' Quadrangle: Glen Easton 7.5'

District: Liberty County: Marshall
Latitude: 7060' Feet South of 39 Deg. 47 Min. 30 Sec.
Longitude 14120' 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	13 3/8"	1224'	1224'	1105 Cu. Ft.
Agent: Eric Gillespie	9 5/8"	2653'	2653'	1178 Cu. Ft.
Inspector: Bill Hendershot	5 1/2"	12140'	12140'	2416 Cu. Ft.
Date Permit Issued: 9-11-2009				
Date Well Work Commenced: 11-19-2010				
Date Well Work Completed: 12-18-2010(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): 7054'				
Total Measured Depth (ft): 12170'				
Fresh Water Depth (ft.): 395'				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 375'				
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) n/a (not frac'd)

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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OCT 25 2012
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

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

12-10-2012
Date

01/11/2013

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

Maximum TVD of wellbore: 7054 ft TVD @ 12170 ft MD

Formation/Lithology	Top Depth, MD (ft)	Bottom Depth, MD (ft)	Top Depth, TVD (ft)	Bottom Depth, TVD (ft)
SILTSTONE/LS	0	375	0	375
PITTSBURG COAL	375	385	375	385
SHALE W/ MINOR SS	385	1500	385	1500
SHALE W/ LS	1500	2210	1500	2210
BIG LIME	2210	2260	2210	2260
BIG INJUN (SS)	2260	2490	2260	2490
SHALE W/ SS	2490	6945	2490	6945
GENESEO (SH)	6945	6968	6928	6947
TULLY (LS)	6968	6992	6947	6972
HAMILTON (SH)	6992	7172	6972	7063
MARCELLUS (SH)	7172		7063	
TD OF LATERAL		12170		7054