

WR-35  
Rev (9-11)State of West Virginia  
Department of Environmental Protection  
Office of Oil and Gas  
Well Operator's Report of Well WorkDATE: 1-31-2012  
API #: 47-069-00072Farm name: Shawn Couch 1H Operator Well No.: 832978LOCATION: Elevation: 1265' Quadrangle: Bethany WVDistrict: Liberty County: Ohio  
Latitude: 1480' Feet South of 40 Deg. 10 Min. 00 Sec.  
Longitude 6840 Feet West of 80 Deg. 35 Min. 00 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"	389'	389'	324 cf
Agent: Eric Gillespie	9 5/8"	1993'	1993'	952 cf
Inspector: Bill Hendershot	5 1/2"	9975	9975'	4760 cf
Date Permit Issued: 1/25/2011				
Date Well Work Commenced: 3/23/2011				
Date Well Work Completed: 9/19/2011				
Verbal Plugging:				
Date Permission granted on:				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6121'(PBSD 9,880')				
Total Measured Depth (ft): 9975'				
Fresh Water Depth (ft.): 300'				
Salt Water Depth (ft.): 1000'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 700"				
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) 6,708'-9,830'Gas: Initial open flow — MCF/d Oil: Initial open flow — Bbl/dFinal open flow — MCF/d Final open flow — Bbl/dTime of open flow between initial and final tests — HoursStatic rock Pressure 3,979 psig (surface pressure) after — HoursSecond producing formation — Pay zone depth (ft) —Gas: Initial open flow — MCF/d Oil: Initial open flow — Bbl/dFinal open flow — MCF/d Final open flow — Bbl/dTime of open flow between initial and final tests — HoursStatic rock Pressure — psig (surface pressure) after — Hours

RECEIVED

MAY 10 2012

WV GEOLOGICAL SURVEY  
MORGANTOWN, WV

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  
Signature5/9/2012  
Date



**Shawn Couch 1H**

<b>Lithology</b>	<b>MD</b>	<b>Top Depth (ft)</b>	<b>Bottom Depth (ft)</b>
SANDSTONE	0		150
SHALE/SANDSTONE	150		350
LIMESTONE/SHALE/SANDSTONE	350		490
SANDSTONE	490		550
SHALE/SANDSTONE	550		600
SANDSTONE	600		700
LIMESTONE/SHALE/SANDSTONE	700		800
SHALE	800		930
LIMESTONE/SHALE	930		1000
SHALE	1000		1050
SANDSTONE	1050		1370
SHALE/SANDSTONE	1370		1525
BIG INJUN	1525		1818
SHALE	1818		3050
SHALE/SANDSTONE	3050		3100
SANDSTONE/SHALE	3100		3150
SHALE/SANDSTONE	3150		3390
SHALE	3390		4300
SHALE/SANDSTONE	4300		4350
SHALE	4350		6020
SHALE/LIMESTONE	6020		6080
SHALE	6080		6120
SHALE/LIMESTONE	6120		6155
GENESEO	6155		6183
TULLY	6183		6243
HAMILTON	6243		6426
MARCELLUS	6426		9975

**RECEIVED**

MAY 10 2012

WV GEOLOGICAL SURVEY  
MORGANTOWN, WV

