

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: 5/9/2012
API #: 47-033-05390

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AUG 17 2012

WV Department of
Environmental Protection

Farm name: Hill, David and Suellen Operator Well No.: Bland Unit 1H

LOCATION: Elevation: 1150' Quadrangle: Salem

District: Tenmile County: Harrison
Latitude: 15.558 Feet South of 39 Deg. 20 Min. 00 Sec.
Longitude 3.508 Feet West of 80 Deg. 30 Min. 00 Sec.

Company: Antero Resources Appalachian Corp

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
1625 17th Street Denver, CO 80202	20" 94#	40'	40'	38 Cu. Ft. Class A
Agent: CT Corporation System	13 3/8" 54.5#	544'	544'	756 Cu. Ft. Class A
Inspector: <u>Tristan Jenkins</u>	9 5/8" 36#	2545'	2545'	1,038 Cu. Ft. Class A
Date Permit Issued: <u>3/17/2010</u>	5 1/2" 20#	14,265'	14,265'	3,493 Cu. Ft. Class H
Date Well Work Commenced: <u>10/7/2010</u>				
Date Well Work Completed: <u>3/15/2012</u>	2 3/8" 4.7#	7509'		
Verbal Plugging: <u>N/A</u>				
Date Permission granted on: <u>N/A</u>				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>7447' TVD (deepest point drilled)</u>				
Total Measured Depth (ft): <u>14,265' MD, 7340' TVD (BHL)</u>				
Fresh Water Depth (ft.): <u>*None available</u>				
Salt Water Depth (ft.): <u>1807'</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>*None available</u>				
Void(s) encountered (N/Y) Depth(s) <u>N, N/A</u>				

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

Producing formation Marcellus Pay zone depth (ft) 7425' TVD (Top)

Gas: Initial open flow ----- MCF/d Oil: Initial open flow N/A Bbl/d

Final open flow 10,617 MCF/d Final open flow N/A Bbl/d

Time of open flow between initial and final tests N/A Hours

Static rock Pressure 3800 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.

Robert M. Johnson
Signature

5-9-12
Date

08/24/2012

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 Yes- Cement Bond Log/Gamma Ray/ CCL LOG

This is a subsequent well. Antero only runs wireline logs on the first well on a multi-well pad (Haymond NW Unit 2H API# 47-033-05236). Please reference wireline logs submitted with Form WR-35 for Haymond NW Unit 2H.

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.

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Perforated Intervals, Fracturing, or Stimulating:

Perforations: 7630'-14,203' MD (1440 holes)

Frac'd w/ 10,500 gals 15% HCL Acid, 148,404 bbls Slick Water carrying 684,437# 100 mesh, 3,222,488# 40/70 and 2,151,632# 20/40 sand.

Plug Back Details Including Plug Type and Depth(s): N/A

Formations Encountered: Surface:	Top Depth	/	Bottom Depth
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**Sycamore	6872'		7281'
Tully	7282'		7372'
Hamilton	7373'		7424'
Marcellus	7425'		7447' TVD

** Antero only runs wireline logs on the first well on a multi-well pad (Haymond NW Unit 2H). Since this is a subsequence well, our logging started at the top of the Sycamore.

Therefore, we are unable to accurately identify formation tops from the surface. Please reference the additional formation tops submitted on Form WR-35 for the Haymond NW Unit 2H (API# 47-033-05236).

08/24/2012