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 #: 47-033-05391

Farm name: Hill, David and Suellen Operator Well No.: Bland Unit 2H

RECEIVED
JUN 12 2012
WV GEOLOGICAL SURVEY
MORGANTOWN, WV

LOCATION: Elevation: 1150' Quadrangle: Salem

District: Tenmile County: Harrison
Latitude: 15,519 Feet South of 39 Deg. 20 Min. 00 Sec.
Longitude 3,526 Feet West of 80 Deg. 30 Min. 00 Sec.

Company: Antero Resources Appalachian Corp

Address: 1625 17th Street	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Denver, CO 80202	20" 94#	40'	40'	38 Cu. Ft. Class A
Agent: CT Corporation System	13 3/8" 68#	530'	530'	736 Cu. Ft. Class A
Inspector: Tristan Jenkins	9 5/8" 36#	2549'	2549'	1037 Cu. Ft. Class A
Date Permit Issued: 3/16/2010	5 1/2" 20#	16,590'	16,590'	4165 Cu. Ft. Class H
Date Well Work Commenced: 3/17/2010				
Date Well Work Completed: 6/19/2011	2 3/8" 4.7#	7582'		
Verbal Plugging: N/A				
Date Permission granted on: N/A				
Rotary ☑ Cable ☐ Rig ☐				
Total Vertical Depth (ft): 7439' TVD (deepest point drilled)				
Total Measured Depth (ft): 16,590' MD, 7312' TVD (BHL)				
Fresh Water Depth (ft.): 40',70'				
Salt Water Depth (ft.): 1740'				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): *None available	*Due to air drilling, Antero was unable to identify accurate coal depths for reporting.			
Void(s) encountered (N/Y) Depth(s) N, N/A				

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

Producing formation Marcellus Pay zone depth (ft) 7426' TVD (Top)
Gas: Initial open flow ------ MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 11,873 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.

Signature

5-9-12
Date

Were core samples taken? Yes_____ No X Were cuttings caught during drilling? Yes X 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 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.

Perforated Intervals, Fracturing, or Stimulating:

Perforations: 7777'-16,522' MD (1416 holes)

Frac'd w/ 6,000 gals 15% HCL Acid, 168,460 bbls Slick Water carrying 689,000# 100 mesh, 3,993,600# 40/70 and 2,418,500# 20/40 sand.

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

Formations Encountered: Surface:	Top Depth	/	Bottom Depth
Big Lime	2205'		2247'
Big Injun	2248'		2684'
Gantz	2685'		2800'
Fifty Foot	2801'		2901'
Gordon	2902'		3244'
Fifth Sand	3245'		3276'
Bayard	3277'		4032'
Speechley	4033'		4345'
Balltown	4346'		4667'
Bradford	4668'		5198'
Benson	5199'		5474'
Alexander	5475'		5693'
Elk	5694'		6867'
Sycamore	6868'		7287'
Tully	7288'		7376'
Hamilton	7377'		7425'
Marcellus	7426'		7439' 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).