

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: 4/30/2012
API #: 47-033-05571

Farm name: Flanigan, Robert A. & Ruth Ann

Operator Well No.: Harbert Unit 2H

LOCATION: Elevation: 1161'

Quadrangle: Wolf Summit

District: Eagle County: Harrison
Latitude: 5.766 Feet South of 39 Deg. 22 Min. 30 Sec.
Longitude 10.710 Feet West of 80 Deg. 22 Min. 30 Sec.

Company: Antero Resources Appalachian Corp

Address: 1625 17th Street Denver, CO 80202	Casing & Tubing 20" 94#	Used in drilling 40'	Left in well 40'	Cement fill up to 38 Cu. Ft. Class A
Agent: CT Corporation System	13-3/8" 54.5#	455'	455'	632 Cu. Ft. Class A
Inspector: Tristan Jenkins	9-5/8" 36#	2622'	2622'	1071 Cu. Ft. Class A
Date Permit Issued: 8/30/2011	5-1/2" 20#	14,286'	14,286'	3493 Cu. Ft. Class H
Date Well Work Commenced: 11/15/2011				
Date Well Work Completed: 3/18/2012	2-3/8" 4.7#	7168'		
Verbal Plugging: N/A				
Date Permission granted on: N/A				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7,067' TVD (Deepest point drilled)				
Total Measured Depth (ft): 14,286 MD, 7,010 TVD (BHL)				
Fresh Water Depth (ft.): *None available				
Salt Water Depth (ft.): *None available				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): *None available				
Void(s) encountered (N/Y) Depth(s) N, N/A				

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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) 7,019' TVD (Top)

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

Final open flow 13,524 MCF/d Final open flow N/A Bbl/d

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

Static rock Pressure 3300 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.

Ashley Mihalco
Signature

4-30-12
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 (Harbert Unit 1H AP# 47-033-05570). Please reference wireline logs submitted with Form WR-35 for Harbert Unit 1H.

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: 7,196'- 14,221' MD

Frac'd w/ 10,500 gals 15% HCL Acid, 164,875 bbls Slick Water carrying 754,500# 100 mesh
3,448,200# 40/70 and 2,257,500# 20/40 sand.

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

Formations Encountered:

Surface: _____ Top Depth _____ / _____ Bottom Depth _____

Formations Encountered:	Top Depth	Bottom Depth
**Sycamore	6354'	6807'
Tully	6808'	6936'
Hamilton	6937'	7018'
Marcellus	7019'	7067' TVD

**Antero only runs wireline logs on the first well on a multi-well pad (Harbert Unit 1H). Since this is a subsequent well, our logging started at the top of the Sycamore. Therefore, we are unable to accurately identify formation tops from surface. Please reference the additional formation tops submitted on Form WR-35 for the Harbert Unit 1H (AP# 47-033-05570).