

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 #: 47-033-05470

Farm name: Scarff, James D. & Meva J. Operator Well No.: Fairmont Fuel North Unit 1H

LOCATION: Elevation: 1295' Quadrangle: Wolf Summit

District: Eagle County: Harrison
Latitude: 4370 Feet South of 39 Deg. 22 Min. 30 Sec.
Longitude 18,715 Feet West of 80 Deg. 22 Min. 30 Sec.

Company: Antero Resources Appalachian Corp

Address:	Casing & Tubing	Used in drilling	Left in well	Current 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" 48#	654'	654'	909 Cu. Ft. Class A
Inspector: Tristan Jenkins	9-5/8" 36#	2,453'	2,453'	999 Cu. Ft. Class H
Date Permit Issued: 9/16/2010	5-1/2" 20#	14,879'	14,879'	3707 Cu. Ft. Class H
Date Well Work Commenced: 2/7/2011				
Date Well Work Completed: 3/8/2012				
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): 7228' TVD (deepest point drilled)				
Total Measured Depth (ft): 14879' MD, 7,228' TVD (BHL)				
Fresh Water Depth (ft.): 40', 130', 490', 520'				
Salt Water Depth (ft.): 724', 1217'				
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) 7105' TVD (Top)

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

Final open flow 7890 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.

Ashlee Mihalec
Signature

4-30-12
Date

08/24/2012

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Were core samples taken? Yes _____ No **X**

Were cuttings caught during drilling? Yes _____ No **X**

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 (Fairmont Fuel Unit 2H - API# 47-033-05445). Please reference wireline logs submitted with Form WR-35 for Fairmont Fuel 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: 7303' – 14813' MD

Frac'd w/ 11,500 gals 15% HCl Acid, 167,191 bbls Slick Water carrying 761,054# 100 mesh, 3,676,097# 40/70 and 2,304,954# 20/40 sand.

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

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
<u>Surface:</u>		
**Sycamore	6409'	6844'
Burkett	6845'	6878'
Tully	6879'	7012'
Hamilton	7013'	7104'
Marcellus	7105'	7228' TVD

**Antero only runs wireline logs on the first well on a multi-well pad (Fairmont Fuel Unit 2H). 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 Fairmont Fuel Unit 2H (API# 47-033-05445).

08/24/2012