

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: 6/22/2012  
API #: 47-033-05485

Farm name: Coffman, Thelma Operator Well No.: Yates Unit 2H

LOCATION: Elevation: 1171' Quadrangle: Wolf Summit

District: Union County: Harrison  
Latitude: 8508 Feet South of 39 Deg. 17 Min. 30 Sec.  
Longitude 14,725 Feet West of 80 Deg. 25 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" 68#	529'	529'	735 Cu. Ft. Class A
Inspector: <u>Tristan Jenkins</u>	9-5/8" 36#	2452'	2452'	998 Cu. Ft. Class A
Date Permit Issued: <u>9/21/2010</u>	5-1/2" 20#	13453'	13453'	3209 Cu. Ft. Class H
Date Well Work Commenced: <u>4/6/2011</u>				
Date Well Work Completed: <u>8/11/2011</u>	2-3/8" 4.7#	6970'		
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>6,950' TVD (Deepest point drilled)</u>				
Total Measured Depth (ft): <u>13,453' MD, 6,950 TVD (BHL)</u>				
Fresh Water Depth (ft.): <u>*None available</u>				
Salt Water Depth (ft.): <u>2935'</u>				
Is coal being mined in area (N/Y)? <u>N</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) 6,809' TVD (Top)

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

Final open flow 7,017 MCF/d Final open flow N/A Bbl/d

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

Static rock Pressure 3200 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]  
Signature

6-22-12  
Date

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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 well on a multi-pad (Yates Unit 1H AP# 47-033-05484). Please reference wireline logs submitted with Form WR-35 for Yates 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.**

Perforated Intervals, Fracturing, or Stimulating:

Perforations: 7,078' - 13,386' MD

Frac'd w/ 6,250 gals 15% HCL Acid, 106,548 bbls Slick Water carrying 275,500# 100 mesh, 1,388,700# 40/70 and 832,000# 20/40 sand.

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

**Formations Encountered:** \_\_\_\_\_ **Top Depth** \_\_\_\_\_ / \_\_\_\_\_ **Bottom Depth**  
**Surface:** \_\_\_\_\_

Formations Encountered	Top Depth	Bottom Depth
**Tully	6601'	6727'
Hamilton	6728'	6808'
Marcellus	6809'	6950' TVD

\*\*Antero only runs wireline logs on the first well on a multi-well pad (Yates Unit 1H). Since this is a subsequent well, our logging started at the top of the Tully. Therefore, we are unable to accurately identify formation tops from surface. Please reference the additional formation tops submitted on Form WR-35 for the Yates Unit 1H (AP# 47-033-05484).

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