

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: 11/20/2012  
API #: 47-017-06046

Farm name: Ash, Allen L. & Janet S. Operator Well No.: Webb Unit 3H

LOCATION: Elevation: 921' Quadrangle: Salem 7.5'

District: McClellan County: Doddridge  
Latitude: 4.816 Feet South of 39 Deg. 22 Min. 30 Sec.  
Longitude 2.374 Feet West of 80 Deg. 32 Min. 30 Sec.

Company: Antero Resources Appalachian Corp

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>1625 17th Street</u> <u>Denver, CO 80202</u>	<u>20" 94#</u>	<u>41'</u>	<u>41'</u>	<u>38 Cu. Ft Class A</u>
Agent: <u>CT Corporation System</u>	<u>13-3/8" 54.5#</u>	<u>530'</u>	<u>530'</u>	<u>736 Cu. Ft. Class A</u>
Inspector: <u>Sam Ward</u>	<u>9-5/8" 36#</u>	<u>2794'</u>	<u>2794'</u>	<u>1138 Cu. Ft. Class A</u>
Date Permit Issued: <u>2/6/2012</u>	<u>5-1/2" 20#</u>	<u>13314'</u>	<u>13314'</u>	<u>3204 Cu. Ft. Class H</u>
Date Well Work Commenced: <u>4/9/2012</u>				
Date Well Work Completed: <u>9/22/2012</u>	<u>2-3/8" 4.7#</u>	<u>7359'</u>		
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>7,117' TVD</u>				
Total Measured Depth (ft): <u>13,314' MD, 7,064' TVD (BHL)</u>				
Fresh Water Depth (ft.): <u>est. 40', 192'</u>				
Salt Water Depth (ft.): <u>est. 545', 1644', 1692'</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>181', 244', 311', 434', 624', 684', 711'</u>				
Void(s) encountered (N/Y) Depth(s) <u>No, 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) 7,094' TVD (Top)

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

Final open flow 11,711 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.

Lisa B. Hineley  
Signature

11/26/12  
Date

01/11/2013

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 - CBL.

This is a subsequent well. Antero only runs wireline logs on the first well on a multi-pad (Webb Unit 1H API# 47-017-06044). Please reference wireline logs submitted with Form WR-35 for Webb 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: 7453'-13,249' MD (1200 holes)

Frac'd w/ 9,000 gals 15% HCL Acid, 121,324 bbls Slick Water carrying 658,800# 100 mesh,  
2,465,400# 40/70 and 1,413,600# 20/40 sand.

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>		
Gordon (est.)	2,667'	3,014'
Fifth Sandstone (est.)	3,015'	3,066'
Bayard (est.)	3,067'	3,591'
Speechley (est.)	3,592'	3,897'
Balltown (est.)	3,898'	4,438'
Bradford (est.)	4,439'	4,999'
Benson	5,000'	5,238'
Alexander	5,239'	5,478'
Elk	5,479'	6,086'
Rhinestreet	6,087'	6,544'
Sycamore	6,545'	6,781'
Middlesex	6,782'	6,891'
Genundewa	6,892'	6,938'
Burket	6,939'	6,963'
Tully	6,964'	7,093'
Marcellus	7,094'	7,117' TVD

01/11/2013