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: 4/2/13
API #: 47-033-05636

Farm name: Bowyer, Matthew E. & Lisa D. Operator Well No.: Dawson Unit 2H

RECEIVED
APR 22 2013
WV GEOLOGICAL SURVEY
MORGANTOWN, WV

LOCATION: Elevation: 1,290' Quadrangle: West Milford

District: Union County: Harrison
Latitude: 8,922' Feet South of 39 Deg. 12 Min. 30 Sec.
Longitude 2,371' Feet West of 80 Deg. 27 Min. 30 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" 48#	375'	375'	521 Cu. Ft. Class A
Inspector: Tristan Jenkins	9-5/8" 36#	2,520'	2,520'	1026 Cu. Ft. Class A
Date Permit Issued: 7/11/2012	5-1/2" 20#	17,540'	17,540'	4412 Cu. Ft. Class H
Date Well Work Commenced: 9/30/2012				
Date Well Work Completed: 2/1/2013	2-3/8" 4.7#	7,266'		
Verbal Plugging: N/A				
Date Permission granted on: N/A				
Rotary ☑ Cable ☐ Rig ☐				
Total Vertical Depth (ft): 7095' TVD (deepest point drilled)				
Total Measured Depth (ft): 17,540' MD, 7057' TVD (BHL)				
Fresh Water Depth (ft.): 180'				
Salt Water Depth (ft.): None Available				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 18', 178', 258', 298'				
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) 7,044' TVD (Top)
Gas: Initial open flow ------ MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 7,601 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests N/A Hours
Static rock Pressure 3600 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

4/11/13
Date

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- CBL

This is a subsequent well. Antero only runs wireline logs on the first well on a multi-well pad (Winnie Unit 2H API#47-033-05615). Please reference the wireline logs submitted with Form WR-35 for Winnie 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: 7,267' - 17,474' MD (2,160 holes)

Frac'd w/ 15,624 gals 15% HCL Acid, 216,362 bbls Slick Water carrying 1,116,371# 100 mesh, 4,227,228# 40/70 sand and 2,471,790# 20/40 sand.

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

Formations Encountered: Surface:	Top Depth	/	Bottom Depth
Big Lime	est 1748'		1856'
Big Injun	est 1857'		2107'
Gantz Sand	est 2108'		2223'
Fifty Foot Sandstone	est 2224'		2329'
Gordon	est 2330'		2564'
Fifth Sandstone	est 2565'		2627'
Bayard	est 2628'		3311'
Speechley	est 3312'		3557'
Balltown	est 3558'		4082'
Bradford	est 4083'		4708'
Benson	est 4709'		4923'
Alexander	est 4924'		5064'
Elk	est 5065'		5627'
Rhinestreet	est 5628'		6448'
Sycamore	est 6449'		6710'
Middlesex	est 6711'		6838'
Burket	6839'		6865'
Tully	6866'		6977'
Hamilton	6978'		7043'
Marcellus	7044'		7095' TVD