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: 11/13/2012
API #: 47-033-05560

Farm name: C Norman Matheny & Wandal Matheny Operator Well No.: Nelson Unit 2H

LOCATION: Elevation: 1273' Quadrangle: West Milford

District: Union County: Harrison
Latitude: 3607 Feet South of 39 Deg. 15 Min. 00 Sec.
Longitude 973 Feet West of 80 Deg. 25 Min. 00 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" 55#	433'	433'	602 Cu. Ft. Class A
Inspector: Tristan Jenkins	9 5/8" 36#	2,505'	2,505'	1020 Cu. Ft. Class A
Date Permit Issued: 7/11/2011	5 1/2 20#	16,312'	16,312'	4065 Cu. Ft. Class H
Date Well Work Commenced: 12/17/2011				
Date Well Work Completed: 7/1/2012	2 3/8 4.7#	7,360'		
Verbal Plugging: N/A				
Date Permission granted on: N/A				
Rotary ☑ Cable ☐ Rig ☐				
Total Vertical Depth (ft): 7035' TVD (deepest point drilled)				
Total Measured Depth (ft): 16312' MD, 6978' TVD (BHL)				
Fresh Water Depth (ft.): est. 65'				
Salt Water Depth (ft.): est. 815'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): Deepest known coal seam mined at surface				
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) 6996' TVD (Top)
Gas: Initial open flow ------ MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 3144 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.

Shawn Reed
Signature

11/15/12
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-pad (Hawker Unit 1H API# 47-033-05553). Please reference wireline logs submitted with Form WR-35 for Hawker 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: 7,425'-16,247 (1794 holes)

Frac'd w/ 13,000 gals 15% HCL Acid, 202,553 bbls Slick Water carrying 1,058,304# 100 mesh, 3,991,846# 40/70 and 2,433,333# 20/40 sand.

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

Formations Encountered: Surface:	Top Depth	/	Bottom Depth
Big Lime	1,422'		1,535'
Big Injun	1,536'		1,813'
Gantz Sand	1,814'		1,940'
Fifty Foot Sand	1,941'		2,084'
Gordon	2,085'		2,362'
Fifth Sandstone	2,363'		3,062'
Speechley	3,063'		3,276'
Balltown	3,277'		3,772'
Bradford	3,773'		4,375'
Benson	4,376'		4,677'
Alexander	4,678'		4,911'
Elk	4,912'		5,606'
Rhinestreet	5,607'		6,295'
Sycamore SS	6,296'		6,374'
Sonyea	6,375'		6,556'
Middlesex	6,557'		6,661'
West River	6,662'		6,713'
Genundewa	6,714'		6,756'
Burket	6,757'		6,785'
Tully	6,786'		6,908'
Hamilton	6,909'		6,995'
Marcellus	6,996'		7,035' TVD