

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: 11/26/2012
API #: 47-033-05451

Farm name: I.L. Morris & Mike Ross, Inc. Operator Well No.: Reynolds Unit 1H

LOCATION: Elevation: 1169' Quadrangle: Wolf Summit

District: Coal County: Harrison
Latitude: 3,622' Feet South of 39 Deg. 20 Min. 00 Sec.
Longitude 10,920' 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" 55#	469'	469'	652 Cu. Ft. Class A
Inspector: Tristan Jenkins	9-5/8" 36#	2515'	2515'	1024 Cu. Ft. Class A
Date Permit Issued: 7/22/2010	5-1/2" 20#	15,725'	15,725'	3934 Cu. Ft. Class H
Date Well Work Commenced: 12/8/2010				
Date Well Work Completed: 5/05/2011	2-3/8" 4.7#	7114'		
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): 7077' TVD				
Total Measured Depth (ft): 15,734' MD, 6906' TVD (BHL)				
Fresh Water Depth (ft.): 40'				
Salt Water Depth (ft.): 1100'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): Pad built on deepest coal seam.				
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) 7,038' TVD (Top)

Gas: Initial open flow _____ MCF/d Oil: Initial open flow _____ Bbl/d

Final open flow 16,499 MCF/d Final open flow _____ Bbl/d

Time of open flow between initial and final tests _____ 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 in 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.

Shawnae Peck
Signature

11/26/12
Date

RECEIVED
OFFICE OF OIL & GAS
2012 NOV 27 P 1:33 PM
ENVIRONMENTAL PROTECTION
DEPARTMENT OF ENVIRONMENTAL PROTECTION

01/11/2013

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, Photo Density/
Compensated Neutron/ Gamma Ray, Dual Laterolog/ Density Caliper/ Gamma Ray

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: 7443' – 15,600' MD (1368 holes)

Frac'd w/5,750 gals 15% HCL Acid, 140,397 bbls Slick Water carrying 644,700# 100 mesh,
2,984,000# 40/70 and 1,887,400# 20/40 sand.

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

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth _____
Surface:

Big Lime	1467'	1926'
Gantz	1927'	2188'
Gordon	2189'	3141'
Speechley	3142'	3350'
Balltown	3351'	4484'
Benson	4485'	4819'
Alexander	4820'	5025'
Elk	5026'	6832'
Sycamore	6360'	6832'
Tully	6833'	6958'
Hamilton	6959'	7037'
Marcellus	7038'	7077' TVD

01/11/2013