

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: 1/11/2013
API #: 47-095-02038

Farm name: Moore, Forest C. Jr. & Brenda Operator Well No.: Ed Arnold Unit 1H

LOCATION: Elevation: 749' Quadrangle: Center Point 7.5'

District: McElroy County: Tyler
Latitude: 8995' Feet South of 39 Deg. 25 Min. 00 Sec.
Longitude 7584' Feet West of 80 Deg. 42 Min. 30 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.
Agent: CT Corporation System	13 3/8" 68#	537'	537'	746 Cu. Ft. Class A
Inspector: Joe Taylor	9 5/8" 36#	2662'	2662'	1084 Cu. Ft. Class A
Date Permit Issued: 12/22/2011	5 1/2" 20#	14121'	14121'	3435 Cu. Ft. Class H
Date Well Work Commenced: 4/6/2012				
Date Well Work Completed: 7/26/2012				
Verbal Plugging: N/A				
Date Permission granted on: N/A	2 3/8" 4.7#	6856'		
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 6703' TVD				
Total Measured Depth (ft): 14121' MD				
Fresh Water Depth (ft.): est. 120', 291'				
Salt Water Depth (ft.): 1081'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): est. 672', 747'				
Void(s) encountered (N/Y) Depth(s) None				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) 6557' TVD (Top)

Gas: Initial open flow _____ MCF/d Oil: Initial open flow N/A Bbl/d
Final open flow 8348 MCF/d Final open flow N/A Bbl/d
Time of open flow between initial and final tests N/A Hours
Static rock Pressure 3550 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 Pedri
Signature

1/24/13
Date

02/08/2013

Received
Office of Oil & Gas
JAN 25 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,
 Photo Density/ Compensated Neutron/ Gamma Ray and Dual Laterolog/ 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: 6848'-14057' (1248 holes)
 Frac'd w/ 11,000 gals 15% HCL Acid, 152,482 bbls Slick Water carrying 795,784# 100 mesh,
 2,743,723# 40/70 and 1,486,074# 20/40 sand.

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

Formations Encountered:	Top Depth	Bottom Depth
<u>Surface:</u>		
Gantz Sand	2678'	2803'
Fifty Foot Sand	2804'	2918'
Gordon	2919'	3122'
Fifth Sandstone	3123'	3153'
Bayard	3154'	3526'
Warren	3527'	3903'
Speechley	3904'	4183'
Balltown	4184'	4381'
Bradford	4382'	4836'
Benson	4837'	5090'
Alexander	5091'	5283'
Elk	5284'	5901'
Rhinestreet	5902'	6169'
Sycamore	5902'	6328'
Middlesex	6170'	6832'
West River Shale	6329'	6469'
Burket	6383'	6497'
Tully	6470'	6556'
Marcellus	6498'	6703' TVD
	6557'	

Hennepin
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 JAN 25 2013

02/08/2013