

WR-35
Rev (8-10)

State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well Work

DATE: 7/29/2011
API #: 47-033-05389-00

Farm name: Matthey, Willis Lee Operator Well No.: Tetrick Unit 2H

LOCATION: Elevation: 1079' Quadrangle: Salem

District: Tenmile County: Harrison
Latitude: 12,123' Feet South of 39 Deg. 20 Min. 00 Sec.
Longitude 2299' Feet West of 80 Deg. 30 Min. 00 Sec.

Company: Antero Resources Appalachian Corporation

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
1625 17th Street Denver, CO 80202	20" 51#	42'	42'	40 Cu. Ft. Class A
Agent: CT Corporation System	13-3/8" 48#	816'	816'	1134 Cu. Ft. Class A
Inspector: Tristan Jenkins	9-5/8" 36#	3186'	3186'	1297 Cu. Ft. Class A
Date Permit Issued: 3/24/2010	5-1/2" 20#	14,300'	14,300'	3365 Cu. Ft. Class H
Date Well Work Commenced: 5/3/2010				
Date Well Work Completed: 3/22/2011	2-3/8" 4.7#	7440'		
Verbal Plugging: N/A	Cement Plug	Top	Bottom	
Date Permission granted on: N/A		1675'	1826'	198 Cu Ft. Class A
Rotary <input checked="" type="checkbox"/> Cable Rig		900'	1241'	294 Cu Ft. Class A
Total Vertical Depth (ft): 7329' TVD (deepest point drilled)		1140'	1241'	294 Cu Ft. Class A
Total Measured Depth (ft): 14,300' MD, 7250' TVD (BHL)				
Fresh Water Depth (ft.): 42'				
Salt Water Depth (ft.): 1034'				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): N/A				
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) 7301' TVD (Top)

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

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.

Ashley Mahalew
Signature

8-8-11
Date

Handwritten: No. 8 WJCES
8-19-11

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes X No _____

Were Y Electrical, N Mechanical, N or Geophysical logs recorded on this well?
Y/N Y/N Y/N

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: 7538' – 14,235' MD (1080 holes)

Frac'd w/5073 gals 15% HCL Acid, 131,944 bbls Slick Water carrying 646,080# 100 mesh,
3,257,330# 40/70 and 1,730,164# 20/40 sand.

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

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
Tully	7149'	
Marcellus	7301'	7329' TVD