

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: 10/10/2011
API #: 47-033-05429-00

Farm name: Tracey, Lloyd & Mary Operator Well No.: Gerrard Unit 1H

LOCATION: Elevation: 1323' Quadrangle: Wolf Summit

District: Coal County: Harrison
Latitude: 890' Feet South of 39 Deg. 20 Min. 00 Sec.
Longitude 10,884' Feet West of 80 Deg. 25 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" 94#	40'	40'	38 Cu. Ft. Class A
Agent: CT Corporation System	13-3/8" 55#	234'	234'	325 Cu. Ft. Class A
Inspector: Tristan Jenkins	9-5/8" 36#	2523'	2523'	1027 Cu. Ft. Class A
Date Permit Issued: 6/03/2010	5-1/2" 20#	11,860'	11,860'	2846 Cu. Ft. Class H
Date Well Work Commenced: 11/1/2010				
Date Well Work Completed: 3/21/2011	2-3/8" 4.7#	7265'		
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): 7122' TVD (deepest point drilled)				
Total Measured Depth (ft): 11,860' MD, 7058' TVD (BHL)				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): N/A				
Void(s) encountered (N/Y) Depth(s) Y, 145'				

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

Producing formation Marcellus Pay zone depth (ft) 7092' 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.

Harold Kropczynski
Signature

10/19/2011
Date

03/02/2012

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes _____ No X

Were Y Electrical, Y 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: 7393' – 11,795' MD (792 holes)

Frac'd w/4,750 gals 15% HCL Acid, 149,151 bbls Slick Water carrying 350,100# 100 mesh, 1,429,100# 40/70 and 832,800# 20/40 sand.

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
Surface:		
Big Lime	1551'	2006'
Gantz	2007'	2534'
Fifth Sandstone	2535'	3225'
Speechley	3226'	3440'
Balltown	3441'	3943'
Bradford	3944'	4584'
Benson	4585'	4886'
Alexander	4887'	6414'
Sycamore	6415'	6888'
Tully	6889'	7013'
Hamilton	7014'	7091'
Marcellus	7092'	7122' TVD