

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 #: 47-033-05665

Farm name: Jones, John R. & Catherine V. Operator Well No.: Hurst-Zirk Unit 1H

LOCATION: Elevation: 1176' Quadrangle: Wolf Summit

District: Sardis County: Harrison
Latitude: 12.679' Feet South of 39 Deg. 20 Min. 00 Sec.
Longitude 5647' Feet West of 80 Deg. 22 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#	74'	74'	71 Cu. Ft.
Agent: CT Corporation System	13 3/8" 48#	374'	374'	520 Cu. Ft. Class A
Inspector: Tristan Jenkins	9 5/8" 36#	2626'	2626'	1069Cu. Ft. Class A
Date Permit Issued: 8/14/2012	5 1/2" 20#	13955'	13955'	3400 Cu. Ft. Class H
Date Well Work Commenced: 9/1/2012				
Date Well Work Completed: 11/4/2012				
Verbal Plugging: N/A				
Date Permission granted on: N/A	2 3/8" 4.6#	7302'		
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7113' TVD (deepest point drilled)				
Total Measured Depth (ft): 7086' TVD (BHL), 13955' MD				
Fresh Water Depth (ft.): est. 230'				
Salt Water Depth (ft.): est. 685', 1060'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): Pad constructed on reclaimed PHG coal bench				
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) 7067' TVD (Top)

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

Final open flow 5931 MCF/d Final open flow N/A Bbl/d

Time of open flow between initial and final tests N/A 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 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 Jones
Signature

1/24/13
Date

02/08/2013

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

This is a subsequent well. Antero only runs wireline logs on the first well on a multi-well pad (Hurst Unit 1H, API# 47-033-05626). Please reference the wireline logs submitted with Form WR-35 for Hurst 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: 7328'-13889' (1100 holes)

Frac'd w/ 10,080 gals 15% HCL Acid, 139,632 bbls Slick Water carrying 721,760# 100 mesh,

2,776,420# 40/70 and 1,657,110# 20/40 sand.

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

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
<u>Surface:</u>		
Big Lime est.	1436'	1486'
Big Injun est.	1487'	2028'
Fifty Foot Sandstone est.	2029'	2210'
Gordon est.	2211'	2455'
Fifth Sandstone est.	2456'	2487'
Bayard est.	2488'	3146'
Speechley est.	3147'	3370'
Balltown est.	3371'	3908'
Bradford est.	3909'	4476'
Benson est.	4477'	4864'
Alexander est.	4865'	5140'
Elk est.	5141'	6645'
Middlesex	6646'	6649'
Sonyea	6650'	6820'
Burket	6821'	6843'
Tully	6844'	7066'
Marcellus	7067'	7113' TVD

02/08/2013