

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 #: 47-033-05626

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

LOCATION: Elevation: 1176' Quadrangle: Wolf Summit

District: Sardis County: Harrison
Latitude: 12651' Feet South of 39 Deg. 20 Min. 00 Sec.
Longitude 5658' Feet West of 60 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#	72'	72'	69 Cu. Ft. Class A
Agent: CT Corporation System	13 3/8" 68#	347'	347'	482 Cu. Ft. Class A
Inspector: Tristan Jenkins	9 5/8" 36#	2578'	2578'	1050 Cu. Ft. Class A
Date Permit Issued: 6/19/2012	5 1/2" 20#	13549'	13549'	3303 Cu. Ft. Class H
Date Well Work Commenced: 6/26/2012				
Date Well Work Completed: 10/31/2012				
Verbal Plugging: N/A				
Date Permission granted on: N/A	2 3/8" 4.7#	7367'		
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7140' TVD (deepest point drilled)				
Total Measured Depth (ft): 7032' TVD (BHL), 13549' 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 is 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) 7095' TVD (Top)

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

Final open flow 7600 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

Received
Office of Oil & Gas
JAN 14 2013

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.

Shauna Redi
Signature

1/11/2013
Date

01/25/2013

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/ Temperature and Gamma Ray/ Array Induction

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: 7,382'-13,488' (1344 holes)

Frac'd w/ 10,080 gals 15% HCL Acid, 128,496 bbls Slick Water carrying 662,409# 100 mesh, 2,544,445# 40/70 and 1,620,170# 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	1436'	1486'
Big Injun	1487'	2028'
Fifty Foot Sandstone	2029'	2210'
Gordon	2211'	2455'
Fifth Sandstone	2456'	2487'
Bayard	2488'	3133'
Speechley	3134'	3333'
Balltown	3334'	3858'
Bradford	3859'	4489'
Benson	4490'	4797'
Alexander	4798'	5158'
Elk	5159'	6661'
Middlesex	6662'	6849'
Burket	6850'	6877'
Tully	6878'	7094'
Marcellus	7095'	7140' TVD