

WR-35
Rev (8-10)State of West Virginia
Department of Environmental Protection
Office of Oil and Gas
Well Operator's Report of Well WorkDATE: 11/6/2011
API #: 47-033-05492-00Farm name: Sperry, Clarence, Janet and Diane Operator Well No.: Post Unit 2HLOCATION: Elevation: 1169' Quadrangle: West MilfordDistrict: Union County: Harrison
Latitude: 2305' Feet South of 39 Deg. 15 Min. 00 Sec.
Longitude 4339' Feet West of 80 Deg. 27 Min. 30 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: <u>CT Corporation System</u>	13-3/8" 55#	489'	489'	679 Cu. Ft. Class A
Inspector: <u>Tristan Jenkins</u>	9-5/8" 36#	2512'	2512'	1023 Cu. Ft. Class A
Date Permit Issued: <u>11/17/2010</u>	5-1/2" 20#	12,610'	12,610'	3069 Cu. Ft. Class H
Date Well Work Commenced: <u>11/17/2010</u>		Top	Bottom	
Date Well Work Completed: <u>2/19/2011</u>	Cmt Plug	36'	127'	189 Cu. Ft. Class A
Verbal Plugging: <u>N/A</u>				
Date Permission granted on: <u>N/A</u>	2-3/8" 4.7#	7258'		
Rotary <input checked="" type="checkbox"/> Cable Rig				
Total Vertical Depth (ft): <u>7040' TVD (deepest point drilled)</u>				
Total Measured Depth (ft): <u>12,610' MD, 6913' TVD (BHL)</u>				
Fresh Water Depth (ft.): <u>*None available</u>	*Due to air drilling, Antero was unable to identify accurate fresh water, salt water and/or coal depths for reporting.			
Salt Water Depth (ft.): <u>*None available</u>				
Is coal being mined in area (N/Y)? <u>No</u>				
Coal Depths (ft.): <u>*None available</u>				
Void(s) encountered (N/Y) Depth(s) <u>N, N/A</u>				

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

Producing formation Marcellus Pay zone depth (ft) 6986' TVD (Top)Gas: Initial open flow ----- MCF/d Oil: Initial open flow N/A Bbl/dFinal open flow 8655 MCF/d Final open flow N/A Bbl/dTime of open flow between initial and final tests N/A HoursStatic rock Pressure 3200 psig (surface pressure) after ----- HoursSecond producing formation ----- Pay zone depth (ft) -----Gas: Initial open flow ----- MCF/d Oil: Initial open flow ----- Bbl/dFinal open flow ----- MCF/d Final open flow ----- Bbl/dTime of open flow between initial and final tests ----- HoursStatic rock Pressure ----- psig (surface pressure) after ----- Hours

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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.

Ashtley Mihalick
Signature

6-4-12
Date

Were core samples taken? Yes _____ No _____ Were cuttings caught during drilling? Yes No _____

Were Electrical, Mechanical, 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: 7394' – 12,543' MD (864 holes)

Frac'd w/4,000 gals 15% HCL Acid, 102,224 bbls Slick Water carrying 414,500# 100 mesh,
 2,053,300# 40/70 and 2,623,700# 20/40 sand.

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

Big Lime	1523'	2165'
Gordon	2166'	3145'
Speechley	3146'	3371'
Balltown	3372'	4462'
Benson	4463'	4762'
Alexander	4763'	5616'
Rhinestreet	5617'	6302'
Sycamore	6303'	6789'
Tully	6790'	6985'
Marcellus	6986'	7040' TVD

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