

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: 6/22/2012
API #: 47-033-05502

Farm name: Sperry, Clarence E., Janet L. & L. Diane Operator Well No.: Scott Unit 2H

LOCATION: Elevation: 1166' Quadrangle: West Milford

District: Union County: Harrison
Latitude: 10,019' Feet South of 39 Deg. 15 Min. 00 Sec.
Longitude 1081' Feet West of 80 Deg. 25 Min. 00 Sec.

Company: Antero Resources Appalachian Corp.

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
<u>1625 17th Street Denver, CO 80202</u>	<u>20" 94#</u>	<u>51'</u>	<u>51'</u>	<u>49 Cu. Ft. Class A</u>
Agent: <u>CT Corporation System</u>	<u>13-3/8" 54.5#</u>	<u>515'</u>	<u>515'</u>	<u>717 Cu. Ft. Class A</u>
Inspector: <u>Tristan Jenkins</u>	<u>9-5/8" 36#</u>	<u>2436'</u>	<u>2436'</u>	<u>1582 Cu. Ft. Class A</u>
Date Permit Issued: <u>12/10/2010</u>	<u>5-1/2" 20#</u>	<u>13,598'</u>	<u>13,598'</u>	<u>3353 Cu. Ft. Class H</u>
Date Well Work Commenced: <u>5/1/2011</u>				
Date Well Work Completed: <u>12/7/2011</u>	<u>2-3/8" 4.7#</u>	<u>6962'</u>		
Verbal Plugging: <u>N/A</u>				
Date Permission granted on: <u>N/A</u>				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>7,025' TVD (Deepest point drilled)</u>				
Total Measured Depth (ft): <u>13,598' MD, 7,025 TVD (BHL)</u>				
Fresh Water Depth (ft.): <u>*None available</u>				
Salt Water Depth (ft.): <u>1484', 2384'</u>				
Is coal being mined in area (N/Y)? <u>N</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) 6,849' TVD (Top)

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

Final open flow 10,453 MCF/d Final open flow N/A Bbl/d

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

Static rock Pressure 3200 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

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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.

Robert Michalek
Signature

6-23-12
Date

Were core samples taken? Yes _____ No **X**

Were cuttings caught during drilling? Yes _____ No **X**

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Yes- Cement Bond Log/Gamma Ray/CCL Log

Antero was unable to run wireline logs on this well, but plans to run/submit wireline logs on the upcoming Boring Unit 1H (API# 47-033-05629) well on this multi-well pad.

Please reference wireline logs which will be submitted with Form WR-35 for Boring 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: 6998' - 13,514' MD

Frac'd w/ 5,750 gals 15% HCL Acid, 136,111 bbls Slick Water carrying 621,400# 100 mesh, 2,917,600# 40/70 and 1,920,600# 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>		
**Sycamore	6177'	6648'
Tully	6649'	6771'
Hamilton	6772'	6848'
Marcellus	6849'	7025' TVD

**Antero was unable to run wireline logs on this well, but plans to run/submit wireline logs on the upcoming Boring Unit 1H (API# 47-033-05629) well on this multi-well pad. Therefore, we are unable to accurately identify formation tops from surface. Our logging started at the top of the Sycamore.

Please reference the additional formation tops that will be submitted on Form WR-35 for the Boring Unit 1H. (API# 47-033-05629).

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