

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 #: 47-033-05501

Farm name: Sperry, Clarence E., Janet L. & L. Diane Operator Well No.: Scott Unit 1H

LOCATION: Elevation: 1166' Quadrangle: West Milford

District: Union County: Harrison  
Latitude: 10,031' Feet South of 39 Deg. 15 Min. 00 Sec.  
Longitude: 1109' 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.
1625 17th Street Denver, CO 80202	20" 94#	65'	65'	38 Cu. Ft. Class A
Agent: CT Corporation System	13-3/8" 54.5#	520'	520'	722 Cu. Ft. Class A
Inspector: <b>Tristan Jenkins</b>	9-5/8" 36#	2420'	2420'	958 Cu. Ft. Class A
Date Permit Issued: 12/10/2010	5-1/2" 20#	13,947'	13,947'	3469 Cu. Ft. Class H
Date Well Work Commenced: 4/29/2011	Liner 4" 11.6#	6553'	6553'	283 Cu. Ft. Class H
Date Well Work Completed: 4/11/2012				
Verbal Plugging: N/A	2-3/8" 4.7#	7197'		
Date Permission granted on: N/A				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7,073' TVD (Deepest point drilled)				
Total Measured Depth (ft): 13,947' MD, 7,066' TVD (BHL)				
Fresh Water Depth (ft.): *None available				
Salt Water Depth (ft.): *None available	*Due to air drilling, Antero was unable to identify accurate fresh water, salt water and/or coal depths for reporting.			
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): *None available				
Void(s) encountered (N/Y) Depth(s) N, N/A				

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

Producing formation Marcellus Pay zone depth (ft) 6,889' TVD (Top)

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

Final open flow 1,071 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

JUL 31 2012

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.

Ashley Mahaleri  
Signature

6-23-12  
Date

08/24/2012

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: 7331' - 13,887' MD**

**Frac'd w/ 1000 gals 15% HCL Acid, 85,762 bbls Slick Water, 1,617,448# 40/70 sand.**

**Plug Back Details Including Plug Type and Depth(s): Retrievable Bridge Plug set from 2366' - 2370'**

Formations Encountered: \_\_\_\_\_ Top Depth \_\_\_\_\_ / \_\_\_\_\_ Bottom Depth  
Surface:

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
<b>**Sycamore</b>	<b>6205'</b>	<b>6683'</b>
<b>Tully</b>	<b>6684'</b>	<b>6806'</b>
<b>Hamilton</b>	<b>6807'</b>	<b>6888'</b>
<b>Marcellus</b>	<b>6889'</b>	<b>7073' TVD</b>

**\*\*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).**

08/24/2012