

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: 12/26/2012  
API #: 47-033-05583  
UPDATED

Farm name: Hurst, Clara Mae et al Operator Well No.: Saylor Unit 2H

LOCATION: Elevation: 1172' Quadrangle: West Milford

District: Union County: Harrison  
Latitude: 10,590' Feet South of 39 Deg. 12 Min. 30 Sec.  
Longitude 7,810' Feet West of 80 Deg. 27 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#	40'	40'	38 Cu. Ft. Class A
Agent: CT Corporation System	13-3/8" 54.5#	598'	598'	831 Cu. Ft. Class A
Inspector: Tristan Jenkins	9-5/8" 36#	2752'	2752'	1121 Cu. Ft. Class A
Date Permit Issued: 1/25/2012	5-1/2" 20#	15465'	15465'	3778 Cu. Ft. Class H
Date Well Work Commenced: 3/7/2012				
Date Well Work Completed: 7/11/2012	2-3/8" 4.7#	7107'		
Verbal Plugging: N/A				
Date Permission granted on: N/A				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7162' TVD				
Total Measured Depth (ft): 15465' MD, 7161' TVD (BHL)				
Fresh Water Depth (ft.): est. 175'				
Salt Water Depth (ft.): est. 1318', 1403', 1787', 2077'				
Is coal being mined in area (N/Y)? No				
Coal Depths (ft.): est. 103', 167', 223'				
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) 7020' TVD (Top)  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow N/A Bbl/d  
Final open flow 8770 MCF/d Final open flow N/A Bbl/d  
Time of open flow between initial and final tests N/A Hours  
Static rock Pressure 3800 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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Office of Oil & Gas  
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Environmental Protection

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.

Lisa Biffinele  
Signature

12/26/12  
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/  
Gamma Ray, and Dual Laterolog/Density Caliper/ Gamma Ray.

**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: 7199' - 15400' MD (1704 holes)

Frac'd w/ 12,500 gals 15% HCL Acid, 170,696bbls Slick Water carrying 887,500# 100 mesh,  
3,403,300# 40/70 and 2,037,100# 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	1,672'	1,773'
Big Injun	1,774'	2,137'
Fifty Foot Sand	2,138'	2,243'
Gordon	2,244'	2,534'
Fifth Sandstone	2,535'	2,576'
Bayard	2,577'	3,223'
Speechley	3,224'	3,470'
Balltown	3,471'	3,989'
Bradford	3,990'	4,610'
Benson	4,611'	4,846'
Alexander	4,847'	4,994'
Elk	4,995'	5,592'
Rhinestreet	5,593'	6,386'
Sycamore	6,387'	6,640'
Middlesex	6,641'	6,808'
Burkett	6,809'	6,839'
Tully	6,840'	6,957'
Hamilton	6,958'	7,019'
Marcellus	7,020'	7,162'

01/25/2013