

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 #: 47-033-05584

Farm name: Hurst, Clara Mae, et al Operator Well No.: Findley Unit 1H  
LOCATION: Elevation: 1172' Quadrangle: West Milford  
District: Union County: Harrison  
Latitude: 10571' Feet South of 39 Deg. 12 Min. 30 Sec.  
Longitude 7815' Feet West of 80 Deg. 27 Min. 30 Sec.

Company: <u>Antero Resources Appalachian Corp</u>		Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Address: <u>1625 17th Street</u>					
<u>Denver, CO 80202</u>		<u>20" 94#</u>	<u>40'</u>	<u>40'</u>	<u>38 Cu. Ft.</u>
Agent: <u>CT Corporation System</u>		<u>13 3/8" 48#</u>	<u>587'</u>	<u>587'</u>	<u>815 Cu. Ft. Class A</u>
Inspector: <u>Tristan Jenkins</u>		<u>9 5/8" 36#</u>	<u>2692'</u>	<u>2692'</u>	<u>1096 Cu. Ft. Class A</u>
Date Permit Issued: <u>1/11/2012</u>		<u>5 1/2" 20#</u>	<u>15630'</u>	<u>15630'</u>	<u>3841 Cu. Ft. Class H</u>
Date Well Work Commenced: <u>3/9/2012</u>					
Date Well Work Completed: <u>12/2/2012</u>					
Verbal Plugging: <u>N/A</u>					
Date Permission granted on: <u>N/A</u>		<u>2 3/8" 4.7#</u>	<u>7239'</u>		
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>					
Total Vertical Depth (ft): <u>7507' TVD (deepest point drilled)</u>					
Total Measured Depth (ft): <u>7157' TVD (BHL), 15634' MD</u>					
Fresh Water Depth (ft.): <u>301'</u>					
Salt Water Depth (ft.): <u>1053'</u>					
Is coal being mined in area (N/Y)? <u>N</u>					
Coal Depths (ft.): <u>80', 144', 200'</u>					
Void(s) encountered (N/Y) Depth(s) <u>None</u>					

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

Producing formation Marcellus Pay zone depth (ft) 7002' TVD (Top)  
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow N/A Bbl/d  
Final open flow 6026 MCF/d Final open flow N/A Bbl/d  
Time of open flow between initial and final tests N/A Hours  
Static rock Pressure 3600 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

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.

Shan Di  
Signature

1/24/13  
Date

Office of Oil and Gas  
JAN 2 2013  
02/08/2013

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,

This is a subsequent well. Antero only runs wireline logs on the first well on a multi-well pad (Saylor Unit 2H, API# 47-033-05583). Please reference the wireline logs submitted with Form WR-35 for Saylor Unit 2H.

**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: 7389'-15565' (1,728 holes)

Frac'd w/ 12,500 gals 15% HCL Acid, 175,971 bbls Slick Water carrying 894,200# 100 mesh, 3,245,300# 40/70 and 1,889,600# 20/40 sand.

Plug Back Details Including Plug Type and Depth(s): N/A

Formations Encountered:	Top Depth	Bottom Depth
<u>Surface:</u>		
Big Lime	1682'	2149'
Fifty Foot Sandstone	2150'	2246'
Gordon	2247'	2533'
Fifth Sandstone	2534'	2590'
Bayard	2591'	3228'
Speechley	3229'	3482'
Balltown	3483'	4003'
Bradford	4004'	4621'
Benson	4622'	4850'
Alexander	4851'	5002'
Elk	5003'	6389'
Sycamore	6390'	6610'
Middlesex	6611'	6797'
Burket	6798'	6824'
Tully	6825'	6936'
Hamilton	6937'	7001'
Marcellus	7002'	7507' TVD

Received  
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02/08/2013