

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: 1/11/2013  
API #: 47-033-05585

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

LOCATION: Elevation: 1172' Quadrangle: West Milford

District: Union County: Harrison  
Latitude: 10561' Feet South of 39 Deg. 12 Min. 30 Sec.  
Longitude 7817 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.
Agent: CT Corporation System	13 3/8" 48#	628'	628'	872 Cu. Ft. Class A
Inspector: Tristan Jenkins	9 5/8" 36#	2780'	2780'	1132 Cu. Ft. Class A
Date Permit Issued: 1/25/2012	5 1/2" 20#	15510'	15510'	3781 Cu. Ft. Class H
Date Well Work Commenced: 3/9/2012				
Date Well Work Completed: 11/19/2012				
Verbal Plugging: N/A				
Date Permission granted on: N/A	2 3/8" 4.7#	7262'		
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7145' TVD				
Total Measured Depth (ft): 15510' MD				
Fresh Water Depth (ft.): 195'				
Salt Water Depth (ft.): 726', 1090'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 80', 144', 200'				
Void(s) encountered (N/Y) Depth(s) None				

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

Producing formation Marcellus Pay zone depth (ft) 6977' TVD (Top)

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

Final open flow 9175 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.

[Signature]  
Signature

1/24/13  
Date

Received  
Office of Oil & Gas  
1/24/2013  
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 (Sayer Unit 2H, API# 47-033-05583). Please reference the wireline logs submitted with Form WR-35 for Sayer 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: 7298'-15444' (1,728 holes)

Frac'd w/ 12,500 gals 15% HCL Acid, 173,252 bbls Slick Water carrying 841,100# 100 mesh, 3,175,300# 40/70 and 1,885,000# 20/40 sand.

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

Formations Encountered: Surface:	Top Depth	Bottom Depth
Big Lime est.	1682'	2149'
Fifty Foot Sandstone est.	2150'	2246'
Gordon est.	2247'	2533'
Fifth Sandstone est.	2534'	2590'
Bayard est.	2591'	3228'
Speechley est.	3229'	3482'
Balltown est.	3483'	4003'
Bradford est.	4004'	4621'
Benson est.	4622'	4850'
Alexander est.	4851'	5002'
Elk est.	5003'	6389'
Sycamore	6390'	6610'
Middlesex	6611'	6797'
Burket	6798'	6824'
Tully	6825'	6936'
Hamilton	6937'	7001'
Marcellus	7002'	7145' TVD

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