

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: 4/22/13
API #: 47-033-05618

Received
Office of Oil & Gas
MAY - 7 2013

Farm name: Yeager, Charles E. Operator Well No.: Asbury Unit 2H

LOCATION: Elevation: 1350' Quadrangle: West Millford

District: Union County: Harrison
Latitude: 5,094' Feet South of 39 Deg. 15 Min. 00 Sec.
Longitude 9,691' 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" 48#	339'	339'	471 Cu. Ft. Class A
Inspector: Tristan Jenkins	9-5/8" 36#	2,562'	2,562'	1043 Cu. Ft. Class A
Date Permit Issued: <u>6/6/2012</u>	5-1/2" 20#	13,970'	13,970'	3416 Cu. Ft. Class H
Date Well Work Commenced: <u>10/17/2012</u>				
Date Well Work Completed: <u>2/4/2013</u>	2-3/8" 4.7#	7214'		
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>7178' TVD (deepest point drilled)</u>				
Total Measured Depth (ft): <u>13,970' MD, 7117' TVD (BHL)</u>				
Fresh Water Depth (ft.): <u>137'</u>				
Salt Water Depth (ft.): <u>None reported off this pad</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>178', 257', 295'</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) 7,134 TVD (Top)

Gas: Initial open flow --- MCF/d Oil: Initial open flow N/A E
Final open flow 7,092 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.

Kate Krout
Signature

5/2/13
Date

06/14/2013

33.05618

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 (Sturter Unit 1H AP#47-033-05586). Please reference the wireline logs submitted with Form WR-35 for Sturter 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: 7329' - 13,905' MD (1,368 holes)

Frac'd w/ 10,076 gals 15% HCL Acid, 134,411 bbls Slick Water carrying 667,538# 100 mesh, 2,563,773# 40/70 sand and 1,529,492# 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	est. 1714'	1826'
Big Injun	est. 1827'	2099'
Gantz Sand	est. 2100'	2223'
Fifty Foot Sandstone	est. 2224'	2343'
Gordon	est. 2344'	2624'
Fifth Sandstone	est. 2625'	2673'
Bayard	est. 2674'	3325'
Speechley	est. 3326'	3531'
Balltown	est. 3532'	4081'
Bradford	est. 4082'	4652'
Benson	est. 4653'	4843'
Alexander	est. 4844'	5035'
Elk	est. 5036'	6918'
Burket	6919'	6947'
Tully	6948'	7057'
Hamilton	7058'	7133'
Marcellus	7134'	7178' TVD

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