

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 #: 47-017-06028

Farm name: Dotson, Rendal J. & Sandra Operator Well No.: Trout Unit 2H

LOCATION: Elevation: 880' Quadrangle: Folsom 7.5'

District: McClellan County: Doddridge
Latitude: 10379' Feet South of 39 Deg. 25 Min. 00 Sec.
Longitude 11009' Feet West of 80 Deg. 32 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	26" 94#	23'	23'	118 Cu. Ft.
Agent: <u>CT Corporation System</u>	20" 133#	40'	40'	38 Cu. Ft. Class A
Inspector: <u>Sam Ward</u>	13 3/8" 48#	844'	844'	1172 Cu. Ft. Class A
Date Permit Issued: <u>7/12/2011</u>	9 5/8" 36#	2765'	2765'	1197 Cu. Ft. Class A
Date Well Work Commenced: <u>7/29/2012</u>	5 1/2" 20#	16257'	16257'	3991 Cu. Ft. Class H
Date Well Work Completed: <u>12/1/2012</u>				
Verbal Plugging: <u>N/A</u>				
Date Permission granted on: <u>N/A</u>	2 3/8" 4.7#	7396'		
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): <u>7091' TVD</u>				
Total Measured Depth (ft): <u>16243' MD</u>				
Fresh Water Depth (ft.): <u>est. 132'</u>				
Salt Water Depth (ft.): <u>880'</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>est. 53', 110', 225', 383', 454', 492'</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) 6946' TVD (Top)

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

Final open flow 8844 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

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

1/24/13
Date

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. Artero only runs wireline logs on the first well on a multi-well pad (R. Swiger South Unit 1H, API# 47-017-05692). Please reference the wireline logs submitted with Form WR-35 for R. Swiger South 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: 7517'-16191' (1800 holes)

Frac'd w/ 13,000 gals 15% HCL Acid, 187,763 bbls Slick Water carrying 966,600# 100 mesh, 3,606,200# 40/70 and 2,121,100# 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 est	1763'	1845'
Big Injun est	1846'	2294'
Gantz Sand est	2295'	2415'
Fifty Foot Sandstone est	2416'	2501'
Gordon est	2502'	2808'
Fifth Sandstone est	2809'	2846'
Bayard est	2847'	3604'
Speechley est	3605'	4056'
Balltown est	4057'	4314'
Bradford est	4315'	4885'
Benson	4886'	5153'
Alexander	5154'	5357'
Elk	5358'	5960'
Rhinestreet	5961'	6403'
Sycamore	6404'	6631'
Middlesex	6632'	6790'
Burket	6791'	6817'
Tully	6818'	6892'
Hamilton	6893'	6945'
Marcellus	6946'	7091' TVD

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