

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: 11/26/2012  
API #: 47-017-05962 **D**

Farm name: Dotson, Rendal J. & Sandra Operator Well No.: R. Swiger South Unit 1H

LOCATION: Elevation: 880' Quadrangle: Folsom 7.5'

District: McClellan County: Doddridge  
Latitude: 10.377 Feet South of 39 Deg. 25 Min. 00 Sec.  
Longitude 11.026 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" 273#	25'	25'	Sand in 49 Cu. Ft.
Agent: CT Corporation System	20" 94#	80'	80'	77 Cu. Ft. Class A
Inspector: Sam Ward	13 3/8" 54.5#	378'	378'	525 Cu. Ft. Class A
Date Permit Issued: <del>6/7/2010</del> , 6/6/2011 (Drill Deeper Permit)	9 5/8" 40#	2,725'	2,725'	1110 Cu. Ft. Class A
Date Well Work Commenced: 6/16/2010	5 1/2" 20#	13,435'	13,435'	3228 Cu. Ft. Class H
Date Well Work Completed: 6/1/2012				
Verbal Plugging: N/A				
Date Permission granted on: N/A	2 3/8" 4.7#	6994'		
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7046' TVD				
Total Measured Depth (ft): 13435' MD				
Fresh Water Depth (ft.): 15', 155'				
Salt Water Depth (ft.): 1050'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): est. 138', 253', 411', 482', 520'				
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) 6927' TVD (Top)

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

Final open flow 4311 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

RECEIVED  
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 2012 NOV 27 P 1:33  
 WV DEPARTMENT OF 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.

Shanna Redick  
Signature

11/26/12  
Date

01/11/2013

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 CBL

**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: 7,395'-13,368' (1224 holes)

Frac'd w/ 9,000 gals 15% HCL Acid, 129,739 bbls Slick Water carrying 735,500# 100 mesh, 2,666,200# 40/70 and 1,603,500# 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	1,765'	1,841'
Big Injun	1,842'	2,302'
Gantz Sand	2,303'	2,416'
Fifty Foot Sand	2,417'	2,505'
Gordon	2,506'	2,826'
Fifth Sandstone	2,827'	2,850'
Bayard	2,851'	3,618'
Speechley	3,619'	4,047'
Balltown	4,048'	4,314'
Bradford	4,315'	4,786'
Benson	4,787'	5,138'
Alexander	5,139'	5,306'
Elk	5,307'	5,953'
Rhinestreet	5,954'	6,397'
Sycamore SS	6,398'	6,618'
Middlesex	6,619'	6,776'
Burket	6,777'	6,802'
Tully	6,803'	6,883'
Hamilton	6,884'	6,926'
Marcellus	6,927'	7,046' TVD

01/11/2013