

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 #: 47-033-05629

Farm name: Sperry, Clarence Operator Well No.: Boring Unit 1H

LOCATION: Elevation: 1166' Quadrangle: West Milford

District: Union County: Harrison
Latitude: 10.004 Feet South of 39 Deg. 15 Min. 00 Sec.
Longitude 1098 Feet West of 80 Deg. 25 Min. 00 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# | 547' | 547' | 760 Cu. Ft. Class A |
| Inspector: Tristan Jenkins | 9 5/8" 36# | 2,580' | 2,580' | 1050 Cu. Ft. Class A |
| Date Permit Issued: 6/26/2012 | 5 1/2" 20# | 16364' | 16364' | 4077 Cu. Ft. Class H |
| Date Well Work Commenced: 7/2/2012 | | | | |
| Date Well Work Completed: 8/31/2012 | 2 3/8" 4.7# | 6599' | | |
| Verbal Plugging: N/A | | | | |
| Date Permission granted on: N/A | | | | |
| Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/> | | | | |
| Total Vertical Depth (ft): 6895' TVD | | | | |
| Total Measured Depth (ft): 16,374' MD, 6,888 TVD (BHL) | | | | |
| Fresh Water Depth (ft.): est. 102' | | | | |
| Salt Water Depth (ft.): 843' | | | | |
| Is coal being mined in area (N/Y)? N | | | | |
| Coal Depths (ft.): None | | | | |
| 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) 6863' TVD (Top)

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

Final open flow 13483 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.

Shirley Redican
Signature

11/26/12
Date

RECEIVED
OFFICE OF OIL & GAS
2012 NOV 27 P 1:38
WV DEPARTMENT OF ENVIRONMENTAL PROTECTION

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

This is a subsequent well. Antero only runs wireline logs on the first well on a multi-pad (Scott Unit 3H AP# 47-033-05503). Please reference wireline logs submitted with Form WR-35 for Scott Unit 3H.

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: 7,135'-16,299' (1848 holes)

Frac'd w/ 15,162 gals 15% HCL Acid, 188,594 bbls Slickwater carrying 981,020# 100 mesh, 3,552,180# 40/70 sand and 2,206,673# 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 | 1,436' | 1,551' |
| Big Injun | 1,552' | 1,859' |
| Gantz Sand | 1,860' | 1,963' |
| Fifty Foot Sand | 1,964' | 2,104' |
| Gordon | 2,105' | 2,369' |
| Fifth Sandstone | 2,370' | 3,069' |
| Speechley | 3,070' | 3,293' |
| Balltown | 3,294' | 3,800' |
| Bradford | 3,801' | 4,398' |
| Benson | 4,399' | 4,770' |
| Alexander | 4,771' | 4,993' |
| Elk | 4,994' | 5,639' |
| Rhinestreet | 5,640' | 6,204' |
| Sycamore SS | 6,205' | 6,277' |
| Sonyea | 6,278' | 6,549' |
| West River | 6,550' | 6,643' |
| Burket | 6,644' | 6,670' |
| Tully | 6,671' | 6,788' |
| Hamilton | 6,789' | 6,862' |
| Marcellus | 6,863' | 6,895' TVD |

01/11/2013