

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: 11/29/2012
API #: 47-033-05577

Farm name: Sperry, Clarence E., Janet L., and L. Diane Operator Well No.: GT Post Unit 2H

LOCATION: Elevation: 1169' Quadrangle: West Milford

District: Union County: Harrison
Latitude: 2310 Feet South of 38 Deg. 15 Min. 00 Sec.
Longitude 4375 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.
<u>1625 17th Street Denver, CO 80202</u>	<u>30" 94#</u>	<u>20'</u>	<u>20'</u>	<u>43 Cu. Ft. Class A</u>
Agent: <u>CT Corporation System</u>	<u>20" 94#</u>	<u>60'</u>	<u>60'</u>	<u>58 Cu. Ft. Class A</u>
Inspector: <u>Tristan Jenkins</u>	<u>13-3/8" 48#</u>	<u>533'</u>	<u>533'</u>	<u>761 Cu. Ft. Class A</u>
Date Permit Issued: <u>9/20/2011</u>	<u>9-5/8" 36#</u>	<u>2559'</u>	<u>2559'</u>	<u>1055 Cu. Ft. Class A</u>
Date Well Work Commenced: <u>10/11/2011</u>	<u>5-1/2" 20#</u>	<u>12,524'</u>	<u>12,524'</u>	<u>3019 Cu. Ft. Class H</u>
Date Well Work Completed: <u>1/20/2012</u>				
Verbal Plugging: <u>N/A</u>	<u>2-3/8" 4.7#</u>	<u>7086'</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>7,015' TVD</u>				
Total Measured Depth (ft.): <u>12,535' MD, 6,921' TVD (BHL)</u>				
Fresh Water Depth (ft.): <u>50', 75'</u>				
Salt Water Depth (ft.): <u>610'</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>Pad on PGH strip bench. Sealed coal mine 1,850' to the NW of pad.</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) 6,974' TVD (Top)

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

Final open flow 10,227 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.

Shauna Reelin
Signature

11/29/12
Date

Were core samples taken? Yes _____ No **X**

Were cuttings caught during drilling? Yes _____ No **X**

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-pad (Post Unit 2H AP# 47-033-05492). Please reference wireline logs submitted with Form WR-36 for Post 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: 7197' - 12,417' MD (1320 holes)

Frac'd w/ 8,000 gals 15% HCL Acid, 123,444 bbls Slick Water carrying 591,300# 100 mesh,
2,657,200 # 40/70 and 1,788,100# 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>		
Gordon	2,147'	2419'
Fifth Sandstone	2,420'	2468'
Bayard	2,469'	3143'
Speechley	3,144'	3362'
Balltown	3,363'	3853'
Bradford	3,854'	4437'
Benson	4,438'	4735'
Alexander	4,736'	4825'
Elk	4,826'	6300'
Sycamore	6,301'	6377'
Sonyea	6,378'	6655'
West River Shale	6,656'	6574'
Middlesex	6,575'	6710'
Genundewa	6,711'	6754'
Burket	6,755'	6780'
Tully	6,781'	6902'
Hamilton	6,903'	6973'
Marcellus	6,974'	7015' TVD