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:	1/23/2013
API#:	47-033-05592
	UPDATED

Farm name: Sperry, Clarence E., Jai	net L., L. Diane		Operat	or Well No.: A	A Post Unit 1H	
LOCATION: Elevation: 1169'			Quadra	angle: West Milf	ord	<u> </u>
District: Union			County	y: Harrison		
Latitude: 2278 Longitude 4351	Feet South of 39 Feet West of 80	Deg. Deg.		Min. 00 Min. 30	Sec. Sec.	

Company: Antero Resources Appalachian Corp Address: 1625 17th Street	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Denver, CO 80202	20" 94#	80'	80'	77 Cu. Ft. Class A
Agent: CT Corporation System	13-3/8" 54.5#	528'	528'	757 Cu. Ft. Class A
Inspector: Tristan Jenkins	9-5/8" 36#	2450'	2450'	1677 Cu. Ft. Class A
Date Permit Issued: 1/31/2012	5-1/2" 20#	15,341'	15,341'	3824 Cu. Ft. Class H
Date Well Work Commenced: 2/7/2012				
Date Well Work Completed: 4/21/2012	2-3/8" 4.7#	7058'		
Verbal Plugging: N/A				-
Date Permission granted on: N/A				
Rotary Cable Rig				
Total Vertical Depth (ft): 7,006' TVD				
Total Measured Depth (ft): 15344' MD, 6870' TVD (BHL)				
Fresh Water Depth (ft.): 50', 75'				
Salt Water Depth (ft.): 610'				
Is soal being mined in area (N/Y)? N				
Coal Depths (ft.): Pad on PGH strip bench. Sealed coal m	nine 1,850' to the	NW of pad.		
Void(s) encountered (N/Y) Depth(s) N,N/A	<u> </u>			

OPEN FLOW DATA (If more the Producing formation Marcellus	nan two producing formations ples Pay zone de	ase include additional data c epth (ft) 6,965' TVD (Top)	n separate succi,
Gas: Initial open flow	MCF/d Oil: Initial open flow N/A	Bbl/d	
Final open flow 16,882	MCF/d Final open flow N/A	Bbl/d	
Time of open flow betwee	n initial and final tests N/A	Hours	
Static rock Pressure 3600	_psig (surface pressure) after	Hours	
Second producing formation	Pay zone dep	th (ft)	.0
Gas: Initial open flow	MCF/d Oil: Initial open flow	Bbl/d	10 M 3 8 50 10
Final open flow	MCF/d Final open flow	Bbl/d	10W 36.
		TT	•**
Time of open flow between	n initial and final tests	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.

<u>23/2</u>013 02/01/2013

Were core samples taken? YesNo_X						
Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Yes-CBL This is authorspard well. Anthro only turn whethor logs on the first well on a multi-pard [Post Unit 24 APW 47-033-05402, Please informance wholifes logs submitted with Form WR-93 for Post Unit 24. 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: Perforated Intervals, Fracturing, or Stimulating: Perforated Intervals, Fracturing, or Stimulating: Perforated Intervals, Fracturing and Depth (s): N/A Plug Back Details Including Plug Type and Depth(s): N/A Formations Encountered: Top Depth Bottom Depth Surface: Big Lime 1,504' 1,615' Big Injun 1,616' 2,005' Big Injun 1,616' 2,005' Fifty Foot Sandstone 2,006' 2,143' 2,417' Fifty Foot Sandstone 2,418' 1,417' Fifth Sandstone 2,418' 2,417' 3,139' Speechley 3,140' 3,366' 3,850' Balltown 3,367' 3,850' Balltown 3,367' 4,438' 4,437' Berson 4,438' 4,744' 4,826' Alexander 4,744' 4,825' 6,282'	and the same of th	No X Were cu	ttings caught during drilling? YesNoX			
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: 7,202' - 15,275' (1,644 holes) Frac'd w/ 12,000 gals 15% HCL Acid, 197,290 bbls Slick Water carrying 890,420# 100 mesh, 3,940,823 # 40/70 and 2,926,335# 20/40 sand. Plug Back Details Including Plug Type and Depth(s): N/A Formations Encountered: Top Depth / Bottom Depth Surface: Big Lime 1,504' 1,615' Big Injun 1,616' 2,005' Big Injun 1,616' 2,005' Fifty Foot Sandstone 2,006' 2,142' Fifty Foot Sandstone 2,143' 2,417' Gordon 2,143' 2,417' Gordon 2,143' 2,470' Fifth Sandstone 2,418' 2,470' Fifth Sandstone 3,366' Speechley 3,140' 3,366' Speechley 3,140' 3,366' Speechley 3,140' 3,850' Balltown 3,367' 3,850' Balltown 3,367' 3,850' Bradford 3,851' 4,437' Bradford 4,438' 4,744' Benson 4,4826' Alexander 4,482f' 6,282'	Were core samples taken?					
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FRACTURING OR STIMULATING, PHYSICAL CHARGE, 12, 11 THE 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: Perforated Intervals, Fracturing, or Stimulating: Perforated Intervals, Fracturing, or Stimulating: Perforations: 7,202' - 15,275' (1,644 holes) Frac'd w/ 12,000 gals 15% HCL Acid, 197,290 bbls Slick Water carrying 890,420# 100 mesh, 3,940,823 # 40/70 and 2,926,335# 20/40 sand. Plug Back Details Including Plug Type and Depth(s): N/A Formations Encountered: Top Depth / Bottom Depth Surface: Big Lime	THE IS A SUBSEQUENT WELL THE CO.					
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Plug Back Details Including Plug Type and Depth(s): N/A	Perforations: 7,202' - 15,275' (1,	644 holes)	in a 800 420# 100 mash			
Plug Back Details Including Plug Type and Depth(s): N/A			er carrying 890,420# 100 mesh,			
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FN. 4.047	Alexander	•	•			
LIN 5 557'	Elk	•	6,552'			
Sycamore	Sycamore	· · · · · · · · · · · · · · · · · · ·	•			
Sonvea 6,553'	•	-	·			
Middlesex 6,560'	•	•				
West River Shale 6,653'	****	· · · · · · · · · · · · · · · · · · ·	The state of the s			
Genundewa 6,706' 6,747			·			
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6.895 ¹		6,895'	•			
Marcellus 6,965' 7,006' TVD		6,965'	7,006 [.] IVD			