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:	11/19/2012	
API#:	47-033-05549-1	

*UPDATED

	_ Quadrangle: <u>V</u>	Volf Summit		
District: Coal	County: Harris	on		
Latitude: 8728' Feet South of 39 Deg.				
Longitude 9173' Feet West of 80 Deg	. <u>22</u> Min.	30 Sec		
Company: Antero Resources Appalachian Corp.		p		•
Address: 1625 17th Street	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Denver, CO 80202	20" 94#	40'	40'	38 Cu. Ft. Class A
Agent: CT Corporation System	13-3/8" 55#	476'	476'	661 Cu. Ft. Class A
inspector: Tristan Jenkins	9-5/8" 36#	2620'	2620'	1067 Cu. Ft. Class A
Date Permit Issued: 5/24/2011	5-1/2" 20#	17,129'	17,129'	4275 Cu. Ft. Class H
Date Well Work Commenced: 6/4/2011		Depth-Top	Bottom	
Date Well Work Completed: 8/5/2012	Cement Plug	5873'	6073'	150 Cu. Ft. Class A
Verbal Plugging: N/A				
Date Permission granted on: N/A				
Rotary Cable Rig	2-3/8" 4.6#	7117'		50.50 /P. 50 00 115
Total Vertical Depth (ft): 7049' TVD (deepest point drilled)			RECEIVA
Total Measured Depth (ft): 17,129' MD, 7049' TVD (BHL)		UT	ine at Oil
Fresh Water Depth (ft.): 153'				N V 2 15
Salt Water Depth (ft.): 1030'				
s coal being mined in area (N/Y)? N				V Departr
Coal Depths (ft.): Deepest known coal seam mine	ed at surface	·	Enviro	nmental F
Void(s) encountered (N/Y) Depth(s) N, N/A			·	

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

119112-

11/30/2012

Were core samples taken? Yes	_NoX Were	cuttings caught during drilling? YesNo_X		
Were Electrical, Mechanical or Geoph	ysical logs recorded on this well? It	fyes, please list Yes, CBL.		
This is a subsequent well. Antero only runs wireline logs on the	ne first well on a multi-pad (Southern Unit 2H API# 47-033-	05363). Please reference wireline logs submitted with Form WR-35 for Southern Unit 2H.		
FRACTURING OR STIMULATIN	G, PHYSICAL CHANGE, ETC. ORD OF THE TOPS AND BO WELLBORE FROM SURFACE	i). DETAILS OF PERFORATED INTERVALS, 2). THE WELL LOG WHICH IS A SYSTEMATIC OTTOMS OF ALL FORMATIONS, INCLUDING TO TOTAL DEPTH.		
Perforations: 7127' – 16,798' M				
	<u> </u>	ater carrying 1,114,000# 100 mesh,		
4,132,200# 40/70 and 2,565,50		action out ying 1,111,100 at 100 at 1		
1,102,200. 10,10 and 2,000,00				
Plug Back Details Including Plug Type	e and Depth(s):			
Formations Encountered: Surface:	Top Depth	/ Bottom Depth		
Big Lime	1,402'	1,494'		
Big Injun	1,495'	1,907'		
Gantz Sand	1,908'	1,964'		
Fifty Foot Sand	1,965'	2,162'		
Gordon	2,163'	2,402'		
Fifth Sandstone	2,403'	2,471'		
	2,472'	3,134'		
Bayard Speechley		3,309'		
Balltown	3,135' 3,310'	3,309 3,832'		
Bradford	3,833'	4,419'		
	4,420'	4,419 4,809'		
Benson	-	5,004'		
Alexander	4,810'	•		
Elk Phinostroot	5,005'	5,589' 6 278'		
Rhinestreet	5,590'	6,278' 6,731'		
Sycamore SS	6,279'	6,731 [']		
Burkett	6,732 ¹	6,756'		
Tully	6,757'	6,884 ¹		
Hamilton	6,885'	6,971'		
Marcellus	6,972'	7,049' TVD		