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#:	47-033-05451

OCATION: Elevation; 1169'		MoV Commit		-
OCATION. Elevation, 1100	_ Quadrangle: \_	VOIT SUMMIT		
District: Coal	County: Harris	ion		
Latitude: 3.822' Feet South of 39 Deg. Longitude 10.920' Feet West of 80 Deg				
Longitude 10,920 Feet West of 80 Deg	. 25 Min.	. <u>00</u> 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#	40'	40'	38 Cu. Ft. Class A
Agent: CT Corporation System	13-3/8" 55#	469'	469'	652 Cu. Ft. Class A
Inspector: Tristan Jenkins	9-5/8" 36#	2515'	2515'	1024 Cu. Ft. Class A
Date Permit Issued: 7/22/2010	5-1/2" 20#	15,725'	15,725'	3934 Cu. Ft. Class H
Date Well Work Commenced: 12/8/2010			.0,120	
Date Well Work Completed: 5/05/2011	2-3/8" 4.7#	7114'		
Verbal Plugging: N/A				<del> </del>
Date Permission granted on: N/A	<del>                                     </del>			<del> </del>
Rotary Cable Rig	-			
Total Vertical Depth (ft): 7077' TVD				<del> </del>
Total Measured Depth (ft): 15,734' MD, 6906' TVD (BHL)				
Fresh Water Depth (ft.): 40'				
Salt Water Depth (ft.): 1100'				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): Pad built on deepest coal seam.				
Void(s) encountered (N/Y) Depth(s) N, N/A				
	L			
OPEN FLOW DATA (If more than two producing formation	ns please includ	e additional dat	a on separate sl	neet)
Producing formation Marcellus Pay 2  Gas: Initial open flow MCF/d Oil: Initial open flow	one depth (ft)7,	038. IAD (Lob	))	
Time of open flow between initial and final tests	Bbl/	a		
Static rock Pressure 3300 psig (surface pressure) aft				
	e depth (ft)			
Gas: Initial open flow MCF/d Oil: Initial open flo				
Final open flow MCF/d Final open flow	Bbl/	d		
Time of open flow between initial and final tests	Hours			

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.

Sionature

Date

	No X Were cutting	ngs caught during drilling? YesNo_X
Were Electrical, Mechanical or C Compensated Neutron/ Gamma Ray, Dual L	Geophysical logs recorded on this well? If yes, aterolog/ Density Cellper/ Gamma Ray	please list Yes, Cement Bond Log, Photo Density
DETAILED GEOLOGICAL	ATING, PHYSICAL CHANGE, ETC. 2). T	DETAILS OF PERFORATED INTERVAL HE WELL LOG WHICH IS A SYSTEMATI DMS OF ALL FORMATIONS, INCLUDING TOTAL DEPTH.
Perforated Intervals, Fracturing,	or Stimulating:	
Perforations: 7443' - 15,60	0' MD (1368 holes)	
Frac'd w/5,750 gals 15% H	ICL Acid, 140,397 bbls Slick Water ca	arrying 644,700# 100 mesh,
2,984,000# 40/70 and 1,88		
DI D I D I D I D I D I D I D I D I D I		
Plug Back Details Including Plug	Type and Depth(s): N/A	
Formations Encountered: Surface:	Top Depth	/ Bottom Depth
Big Lime	1467'	1926'
Big Lime Gantz	1467' 1927'	1926' 2188'
Gantz		
	1927'	2188'
Gantz Gordon	1927' 2189'	2188' 3141'
Gantz Gordon Speechley Balltown	1927' 2189' 3142'	2188' 3141' 3350'
Gantz Gordon Speechley Balltown Benson	1927' 2189' 3142' 3351'	2188' 3141' 3350' 4484' 4819'
Gantz Gordon Speechley Balltown Benson Alexander	1927' 2189' 3142' 3351' 4485'	2188' 3141' 3350' 4484' 4819' 5025'
Gantz Gordon Speechley Balltown Benson Alexander Elk	1927' 2189' 3142' 3351' 4485' 4820'	2188' 3141' 3350' 4484' 4819' 5025' 6832'
Gantz Gordon Speechley Balltown Benson Alexander Elk Sycamore	1927' 2189' 3142' 3351' 4485' 4820' 5026'	2188' 3141' 3350' 4484' 4819' 5025'
Gantz Gordon Speechley	1927' 2189' 3142' 3351' 4485' 4820' 5026' 6360'	2188' 3141' 3350' 4484' 4819' 5025' 6832'

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