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 #:	47-033-05581	_

CATION: Elevation: 1190'	Quadrangle: Wolf Summit			
District: Coal	County: Harris	on		
Latitude: 7,457 Feet South of 39 Deg.	20 Min. 00 Sec.			
Longitude 9,144 Feet West of 80 Deg.	22 Min.	. 30Se	c.	
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
Agent: CT Corporation System	13-3/8" 48#	500'	500'	695 Cu. Ft. Class
Inspector: Tristan Jenkins	9-5/8" 36#	2565'	2565'	1044 Cu. Ft. Class /
Date Permit Issued: 12/01/2011	5-1/2" 20#	14,165'	14,165'	3475 Cu. Ft. Class I
Date Well Work Commenced: 12/16/2011		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1.,	
Date Well Work Completed: 04/22/2012	2-3/8" 4.7#	7110'		
Verbal Plugging: N/A				
Date Permission granted on: N/A		<del></del>		<del> </del>
Rotary Cable Rig				
Total Vertical Depth (ft): 7021' TVD				
Total Measured Depth (ft): 14,165' MD, 6,999' TV	D (BHL)			
Fresh Water Depth (ft.): 100', 156'	(5/15)			
Salt Water Depth (ft.): *None available				
Is coal being mined in area (N/Y)? N				<del>-</del>
Coal Depths (ft.): Pad on PGH strip bench				<u> </u>
		<del></del>		<u> </u>
Void(s) encountered (N/Y) Depth(s) N, N/A			<u> </u>	
PEN FLOW DATA (If more than two producing formation Producing formation Marcellus Pay z  Gas: Initial open flow MCF/d Oil: Initial open flow Final open flow MCF/d Final open flow Time of open flow between initial and final tests NA  Static rock Pressure 3300 psig (surface pressure) aft	one depth (ft)6,5  ow N/A Bbl  N/A Bbl  Hours	<mark>972' TV</mark> D (To I/d /d		heet)
	-			
Second producing formation Pay zon Gas: Initial open flow MCF/d Oil: Initial open flo	c depth (ft) ow Bbl			
Final open flow MCF/d Final open flow				
Time of open flow between initial and final tests	Hours	_		
Static rock Pressure psig (surface pressure) aft				

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were core samples taken? Yes	No Were	cuttings caught during drilling? Yes_	No_X
Were Electrical, Mechanical or Geop	hysical logs recorded on this well?	If yes, please list Yes - CBL	
This is a subsequent well. Aniero only runs wireline logs	on the first well on a multi-pad (Marsh Unit 1H API# 47-03	3-05361). Please reference wireline logs submitted with Form	WR-35 for Marsh Unit 1H.
NOTE: IN THE AREA BELO	W PUT THE FOLLOWING:	1). DETAILS OF PERFORATED	INTERVALC
FRACTURING OR STIMULATI	NG, PHYSICAL CHANGE, ETC.	. 2), THE WELL LOC WHICH IS A	CVCTEMATIC
DETAILED GEOLOGICAL RE	CORD OF THE TOPS AND B	OTTOMS OF ALL FORMATIONS	S, INCLUDING
COAL ENCOUNTERED BY THE	E WELLBORE FROM SURFACE	TO TOTAL DEPTH.	
Perforated Intervals, Fracturing, or St	rimulating:		
The second secon	antulating.		
Perforations: 7,147' - 14,100' N	<del></del>		
Frac'd w/ 11,000 gals 15% HC	L Acid, 148,278 bbls Slick Wa	ater carrying 731,300# 100 mes	sh,
3,378,500# 40/70 and 2,295,60			-
Plug Back Details Including Plug Typ	e and Depth(s): N/A		
			<u></u>
Formations Encountered:	Top Depth	/ Botton	n Depth
Surface:	_		
iantz Sand	1,847'	1,941'	
ifty Foot Sandstone	1,942'	2,144'	
ordon	2,145'	2,375'	
fth Sand	2,376'	2,613'	
ayard	2,614'	3,077'	
peechley	3,078'	3,304'	
alltown	3 <b>,30</b> 5'	3,7 <b>79</b> '	
radford	3,780'	4,455'	
enson	4 <b>,4</b> 56'	4,722'	
exander	4,723'	4,976'	
k	<b>4,9</b> 77'	6,250'	
/camore	6,251'	6,541'	
iddlesex	6,542'	6,678'	
enundewa	6,679'	6,721'	
ırket	6,722'	6,749'	
rily -	6,750'	6,882'	
	0,750	0,002	
amilton Iarcellus	6,883'	6,971'	