

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:	05/10/12	
API #:	47-033-05499	

Farm name: Nutter, Randall L. & Wanda L.	Operator Well No.: Lively Unit 2H Quadrangle: Wolf Summit County: Harrison AUG AUG AUG AUG AUG AUG AUG AU					
LOCATION: Elevation: 1176	Operator Well No.: Lively Unit 2H Quadrangle: Wolf Summit County: Harrison AUG 20 Min. 00 Sec. 2012 22 Min. 30 Sec. 2012					
District: Coal	County: Harriso	on	. AU	G J S GAS		
Latitude: 5480 Feet South of 39 Deg. 2	Min.	oo Sec	Wyn	77 2010		
Longitude 7543 Feet West of 80 Deg. 3	Min.	30 Sec	Vir Cep	THE STATE OF THE S		
District: Coal Latitude: 5480 Feet South of 39 Deg. 20 Min. 00 Sec. Longitude 7543 Feet West of 80 Deg. 22 Min. 30 Sec. Company: Antero Resources Appalachian Corp Casing & Used in Left in well Cement full up Cu. Ft. Degree CO 80202 20 Port of A0' 38 Cu Ft Class A						
Address: 1625 17th Street	Casing & Tubing	Used in drilling	Left in well	up Cu. Ft.		
Denver, CO 80202	20" 94#	40'	40'	38 Cu. Ft. Class A		
Agent: CT Corporation System	13 3/8" 54.5#	537'	537'	746 Cu. Ft. Class A		
Inspector: Tristan Jenkins	9 5/8" 36#	2437'	2437'	992 Cu. Ft. Class A		
Date Permit Issued: 10/26/2010	5 1/2" 20#	15,354'	15,354'	3849 Cu. Ft. Class H		
Date Well Work Commenced: 2/26/2011	C	Casing depths reported in KB - 26'				
Date Well Work Completed: 10/18/2011	2 3/8" 4.7#	7310'				
Verbal Plugging: N/A						
Date Permission granted on: N/A						
Rotary Cable Rig						
Total Vertical Depth (ft): 7,108' TVD (deepest point drilled)						
Total Measured Depth (ft): 15,357' MD, 7,106' TVD (BHL)						
Fresh Water Depth (ft.): 50'						
Salt Water Depth (ft.): 537', 1,065', 1,665', 1,990'						
Is coal being mined in area (N/Y)? N						
Coal Depths (ft.): *None available	*Due to air drilling, Antero was unable to					
Void(s) encountered (N/Y) Depth(s) N, N/A	identify accurate coal depths for reporting.					
OPEN FLOW DATA (If more than two producing formatic	zone depth (ft) 6 low N/A Bl v N/A Bb Hours	9961' TVD (Top) bl/d l/d	ata on separate s	sheet)		
	no douth (A)					
Second producing formation Pay 20 Gas: Initial open flow MCF/d Oil: Initial open flow	Second producing formation Pay zone depth (ft) Gas: Initial open flow MCF/d Oil: Initial open flow Bbl/d					
Final open flowMCF/d Final open flowBbl/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. While Mehalen Signature

08/24/2012

Were core samples taken?	YesNo_X	_ Were cutt	ings caught during drilling? Ye	:sNo_X
Were Electrical, Mechanica	.l or Geophysical logs r wireline logs on the first well on a mult	recorded on this well? If yes	s, please list Yes- Cement Bond Log	g/Gamma ray/CCL Log
FRACTURING OR STIN DETAILED GEOLOGIC	MULATING, PHYSIC CAL RECORD OF	CAL CHANGE, ETC. 2). THE TOPS AND BOTT	DETAILS OF PERFORAT THE WELL LOG WHICH IS TOMS OF ALL FORMATIO TOTAL DEPTH	S A SYSTEMATIC ONS. INCOUDING
Perforated Intervals, Fractur			oscao!	ON & Gas 17 2012
Perforations: 7392'-15,	287' MD (1722 ho	les)	DUA	T & Co
Frac'd w/ 5,750 gals 15	5% HCL Acid, 135	,162 bbls Slick Water of	carrying 575,400#100)	RSH, Control Of
2,824,200 # 40/70 and	1,822,400# 20/40	sand.	Environme	Remiser Protection
Plug Back Details Including	g Plug Type and Depth	(s): N/A		
Formations Encountered: Surface:		Top Depth	/Bo	ottom Depth
**Burkett		6,712'	6,737'	
Tully		6,738'	6,869'	
Hamilton		6,870'	6,960'	
Marcellus		6,961'	7,106' TVD	
**Antero only runs wireline logs on	the first well on a multi-well	pad (Boggess Unit 1H). Since this	is a subsequent well, our logging started	d at the top of the Burkett.
Therefore, we are unable to accurately iden	ntify formation tops from surface.	Please reference the additional formation	tops submitted on Form WR-35 for the Boggess	Unit 1H (AP# 47-033-05440).
				
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