

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: 1/11/2013  
API #: 47-033-05593

Farm name: Mountain Lakes Limited Operator Well No.: Kermit Unit 1H

LOCATION: Elevation: 1386' Quadrangle: West Milford

District: Union County: Harrison  
Latitude: 3201' Feet South of 39 Deg. 15 Min. 00 Sec.  
Longitude 9633' Feet West of 80 Deg. 27 Min. 30 Sec.

Company: Antero Resources Appalachian Corp

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
1625 17th Street Denver, CO 80202	20" 94#	40'	40'	38 Cu. Ft. Class A
Agent: CT Corporation System	13 3/8" 48#	529'	529'	735 Cu. Ft. Class A
Inspector: Tristan Jenkins	9 5/8" 36#	2580'	2580'	1050 Cu. Ft. Class A
Date Permit Issued: 2/28/2012	5 1/2" 23#	13959'	13959'	3415 Cu. Ft. Class H
Date Well Work Commenced: 7/24/2012				
Date Well Work Completed: 11/25/2012				
Verbal Plugging: N/A				
Date Permission granted on: N/A	2 3/8" 4.7#	7331'		
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft): 7204' TVD (deepest point drilled)				
Total Measured Depth (ft): 7122' TVD (BHL), 13959' MD				
Fresh Water Depth (ft.): est. 90'				
Salt Water Depth (ft.): None available				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): 191', 274', 306'				
Void(s) encountered (N/Y) Depth(s) None				

OPEN FLOW DATA (If more than two producing formations please include additional data on separate sheet)

Producing formation Marcellus Pay zone depth (ft) 7166' TVD (Top)

Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow N/A Bbl/d

Final open flow 9053 MCF/d Final open flow N/A Bbl/d

Time of open flow between initial and final tests N/A Hours

Static rock Pressure 3600 psig (surface pressure) after \_\_\_\_\_ Hours

Second producing formation \_\_\_\_\_ Pay zone depth (ft) \_\_\_\_\_

Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d

Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d

Time of open flow between initial and final tests \_\_\_\_\_ Hours

Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

I certify under penalty of perjury 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.

Shaun Jenkins  
Signature

1/24/13  
Date

UNIC  
02/08/2013

Were core samples taken? Yes \_\_\_\_\_ No  \_\_\_\_\_

Were cuttings caught during drilling? Yes  \_\_\_\_\_ No \_\_\_\_\_

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list Yes - CBL

This is a subsequent well. Antero only runs wireline logs on the first well on a multi-well pad (Kermit Unit 3H, API# 47-033-05591). Please reference the wireline logs submitted with Form WR-35 for Kermit Unit 3H.

**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: 7490'-13893' (1344 holes)

Frac'd w/ 10,080 gals 15% HCL Acid, 133,786 bbls Slick Water carrying 693,308# 100 mesh,  
2,612,985# 40/70 and 1,641,350# 20/40 sand.

Plug Back Details Including Plug Type and Depth(s): N/A

Formations Encountered:	Top Depth	Bottom Depth
<u>Surface:</u>		
Big Lime est.	1756'	1863'
Big Injun est.	1864'	2149'
Gantz Sand est.	2150'	2251'
Fifty Foot Sandstone est.	2252'	2369'
Gordon est.	2370'	2660'
Fifth Sandstone est.	2661'	2715'
Bayard est.	2716'	3346'
Speechley est.	3347'	3587'
Balltown est.	3588'	4098'
Bradford est.	4099'	4677'
Benson est.	4678'	4873'
Alexander est.	4874'	5225'
Elk est.	5226'	6470'
Sycamore	6471'	6749'
Sonyea	6750'	6825'
West River Shale	6826'	6843'
Burket	6944'	6969'
Tully	6970'	7085'
Hamilton	7086'	7165'
Marcellus	7166'	7204' TVD

Received  
Office of Oil & Gas  
02/08/2013