

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: 10/28/2010
API #: 47-033-05382
UPDATED: 4/20/12

Farm name: Carnes, Richard & Patricia Operator Well No.: Ash Unit 2H

LOCATION: Elevation: 1183' Quadrangle: Wolf Summit

District: Sardis County: Harrison
Latitude: 8610' Feet South of 39 Deg. 22 Min. 30 Sec.
Longitude: 17760' Feet West of 80 Deg. 22 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" 72#	40'	40'	38 Cu. Ft. Grout
Agent: CT Corporation System	13-3/8" 48#	937'	937'	1302 Cu. Ft. Class C
Inspector: Tristan Jenkins	9-5/8" 36#	2434'	2434'	991 Cu. Ft. Class C
Date Permit Issued: 3/10/2010	5-1/2" 20#	13522'	13522'	3303 Cu. Ft. Class H
Date Well Work Commenced: 3/11/2010		Depth - Top	Bottom	
Date Well Work Completed: 8/19/2010	Sidetrack Plug	2920'	3300'	340 Cu. Ft. Class H
Verbal Plugging: N/A	Sidetrack Plug	5200'	5500'	340 Cu. Ft. Class A
Date Permission granted on: N/A				
Rotary <input checked="" type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>	2-3/8" 4.7#	7164'		
Total Vertical Depth (ft): 7167' TVD (deepest point drilled)				
Total Measured Depth (ft): 13522' MD, 7167' TVD (BHL)				
Fresh Water Depth (ft.): *None Available				
Salt Water Depth (ft.): *None Available				
Is coal being mined in area (N/Y)? NO				
Coal Depths (ft.): *None Available				
Void(s) encountered (N/Y) Depth(s) NO, N/A				

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

Producing formation Marcellus Pay zone depth (ft) 7011' TVD (Top)

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

Final open flow 5283 MCF/d Final open flow N/A Bbl/d

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

Static rock Pressure 3300 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 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.

Chelle Mahan
Signature

4-20-12
Date

05/04/2012

