

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: 3/31/14
API #: 47-8801198
39.01198 W

Farm name: County Court of Kanawha Operator Well No.: 7141

LOCATION: Elevation: 724 ft Quadrangle: Pocatalico

District: Union County: Kanawha
Latitude: 1,880 Feet South of 38 Deg. 30 Min. 00 Sec.
Longitude 6,010 Feet West of 81 Deg. 42 Min. 30 Sec.

Company: Columbia Gas Transmission, LLC

Address:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
1700 MacCorkle Ave SE Charleston, WV 25325-1273	* no existing	casing altered		
Agent: Paul Amick				
Inspector: Terry Urban				
Date Permit Issued: 3/12/14				
Date Well Work Commenced: 3/4/13				
Date Well Work Completed: 3/31/14				
Verbal Plugging: NA				
Date Permission granted on:				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input checked="" type="checkbox"/>				
Total Vertical Depth (ft):				
Total Measured Depth (ft): 1707 (existing)				
Fresh Water Depth (ft.): none rpt'd by driller in 1945				
Salt Water Depth (ft.): none rpt'd by driller in 1945				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): none rpt'd by driller in 1945				
Void(s) encountered (N/Y) Depth(s) none rpt'd				

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

Producing formation Big Lime (natural gas storage) Pay zone depth (ft) 1640 - 1707

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

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.

Jamie E. Amick
Signature

3/31/14
Date

04/18/2014

39-01198W

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes _____ No NA

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list High Resolution MicroVertilog (pipe inspection)
Cement Bond Log _____

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:

Killed well. Pulled tubing. Logged and installed mechanical bridge plug. Installed new wellhead.

Pulled bridge plug. Perforated 1640 - 48 ft. Acid stimulated.

Acid treatment: 2000 gal 15% HCl acid, 70 bbls fresh water, Avg rate = 3.5 bpm, ATP = 80 psig

Plug Back Details Including Plug Type and Depth(s):

Formations Encountered: _____ Top Depth _____ / _____ Bottom Depth _____
Surface: _____

NA - no new borehole drilled

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