

JK

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: 7/7/14
API #: 47-7500026

Farm name: U.S. Dept. of Interior Operator Well No.: 7456

LOCATION: Elevation: 3525 ft Quadrangle: Wildell

District: Green Bank County: Pocahontas
Latitude: 1048 Feet South of 38 Deg. 40 Min. 00 Sec.
Longitude 3995 Feet West of 79 Deg. 45 Min. 00 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: Bryan Harris				
Date Permit Issued: 6/27/14				
Date Well Work Commenced: 6/30/14				
Date Well Work Completed: 7/3/14				
Verbal Plugging: NA				
Date Permission granted on:				
Rotary <input type="checkbox"/> Cable <input type="checkbox"/> Rig <input type="checkbox"/>				
Total Vertical Depth (ft):				
Total Measured Depth (ft): 6123 (existing)				
Fresh Water Depth (ft.): 80' & 142' rpt'd by driller in 1965				
Salt Water Depth (ft.): none rpt'd by driller in 1965				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): none rpt'd by driller in 1965				
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 Oriskany (natural gas storage) Pay zone depth (ft) 5987 - 6035
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

7/7/14
Date

08/15/2014

75-00026

Were core samples taken? Yes _____ No X

Were cuttings caught during drilling? Yes _____ No N/A

Were Electrical, Mechanical or Geophysical logs recorded on this well? If yes, please list No

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:

Performed coil tubing hydro-blast mechanical wash and acid treatment.

Acid treatment: 4000 gal HCl acid, 300 bbls fresh water, Avg rate = 4 bpm, ATP = 0 psig

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

<u>Formations Encountered:</u>	<u>Top Depth</u>	<u>Bottom Depth</u>
<u>Surface:</u>		

N/A - no new borehole drilled

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