

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: 6/3/14  
API #: 47-7700164 W

Farm name: Fleming, Anita Operator Well No.: 7535

LOCATION: Elevation: 2607 ft Quadrangle: Aurora

District: Union County: Preston  
Latitude: 14,490 Feet South of 39 Deg. 22 Min. 30 Sec.  
Longitude 11,075 Feet West of 79 Deg. 35 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: John Shockey				
Date Permit Issued: 5/15/14				
Date Well Work Commenced: 5/28/14				
Date Well Work Completed: 5/29/14				
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): 6582 (existing)				
Fresh Water Depth (ft.): none rpt'd by driller in 1971				
Salt Water Depth (ft.): none rpt'd by driller in 1971				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): none rpt'd by driller in 1971				
Void(s) encountered (N/Y) Depth(s) none rpt'd				

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) 6408 - 6541

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) \_\_\_\_\_

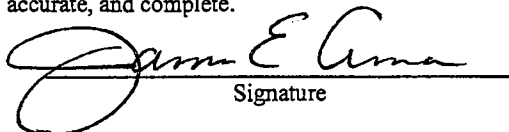
Gas: Initial open flow \_\_\_\_\_ MCF/d Oil: Initial open flow \_\_\_\_\_ Bbl/d  
Final open flow \_\_\_\_\_ MCF/d Final open flow \_\_\_\_\_ Bbl/d  
Time of open flow between initial and final tests \_\_\_\_\_ Hours  
Static rock Pressure \_\_\_\_\_ psig (surface pressure) after \_\_\_\_\_ Hours

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Office of Oil & Gas

JUN 03 2014

WV Department of  
Environmental Protection

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.

  
Signature

6/2/14  
Date

06/13/2014

77-00164W

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 <sup>High Resolution MicroVertilog (pipe inspection)</sup>

\_\_\_\_\_

**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. Acid stimulated.

Acid treatment: 2000 gal 15% HCl acid, 150 bbls fresh water, Nitrogen. Avg rate = 4 bpm, ATP = 1790 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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