

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: 6/24/13  
API #: 47-390

Farm name: Bailey, Fannie, etal Operator Well No.: 7142

LOCATION: Elevation: 590 ft Quadrangle: Pocatalico

District: Union County: Kanawha  
Latitude: 10,970 Feet South of 38 Deg. 30 Min. 00 Sec.  
Longitude 2,880 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.
<u>1700 MacCorkle Ave SE Charleston, WV 25325-1273</u>				
Agent: <u>Paul Am ck</u>	<u>10-3/4"</u>	<u>56</u>	<u>56</u>	<u>none rpt'd</u>
Inspector: <u>Terry Urban</u>	<u>8-5/8"</u>	<u>366</u>	<u>366</u>	<u>grout w/ 51</u>
Date Permit Issued: <u>5/2/13</u>	<u>5-1/2"</u>	<u>1409</u>	<u>1409</u>	<u>250 sx</u>
Date Well Work Commenced: <u>3/13/13</u>	<u>3-1/2"</u>	<u>1387</u>	<u>1387</u>	<u>56</u>
Date Well Work Completed: <u>6/17/13</u>				
Verbal Plugging: <u>NA</u>				
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): <u>1446 (in year 1950)</u>				
Fresh Water Depth (ft.): <u>48, 120, 390 (rpt'd by driller in 1950)</u>				
Salt Water Depth (ft.): <u>968 (rpt'd by driller in 1950)</u>				
Is coal being mined in area (N/Y)? <u>N</u>				
Coal Depths (ft.): <u>NA</u>				
Void(s) encountered (N/Y) Depth(s) <u>none rpt'd</u>				

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) 1432 - 1443  
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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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. Ama  
Signature

6/24/13  
Date

07/26/2013

39-01544F

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 \_\_\_\_\_

**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. Grouted 8-5/8" x 10-3/4" annulus with 51 cu ft cement - cement circulated to surface. Installed composite bridge plug. Ran new 3-1/2" tubing and cemented with 56 cu ft. Drilled float collar, shoe, and bridge plug. Performed coil tubing clean-out and acid treatment.  
Acid treatment: 2000 gals 15% HCl acid, 30 bbls fresh water

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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