

State of West Virginia  
Department of Environmental Protection - Office of Oil and Gas  
Well Operator's Report of Well Work

API 47 - 039 - 01075 County Kanawha District Union  
Quad Pocatalico, WV Pad Name Lanham Field/Pool Name Lanham  
Farm name Elijah L. Bailey And/Or Well Number 7129  
Operator (as registered with the OOG) Columbia Gas Transmission LLC  
Address 1700 MacCorkle Ave SE City Charleston State WV Zip 25314

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey  
Top hole Northing \_\_\_\_\_ Easting \_\_\_\_\_  
Landing Point of Curve Northing Not applicable Easting \_\_\_\_\_  
Bottom Hole Northing \_\_\_\_\_ Easting \_\_\_\_\_

Elevation (ft) 670.9 GL Type of Well  New  Existing Type of Report  Interim  Final  
Permit Type  Deviated  Horizontal  Horizontal 6A  Vertical Depth Type  Deep  Shallow  
Type of Operation  Convert  Deepen  Drill  Plug Back  Redrilling  Rework  Stimulate  
Well Type  Brine Disposal  CBM  Gas  Oil  Secondary Recovery  Solution Mining  Storage  Other \_\_\_\_\_  
Type of Completion  Single  Multiple Fluids Produced  Brine  Gas  NGL  Oil  Other \_\_\_\_\_  
Drilled with  Cable  Rotary

Drilling Media Surface hole  Air  Mud  Fresh Water Intermediate hole  Air  Mud  Fresh Water  Brine  
Production hole  Air  Mud  Fresh Water  Brine  
Mud Type(s) and Additive(s)  
N/A. SOW rework existing well - pulled tubing, ran HRVRT cased hole logs, re-ran tubing, injected 500 gal 15% HCl, flowed completion fluids back.

Date permit issued 4/10/2023 Date drilling commenced N/A Date drilling ceased N/A  
Date completion activities began N/A Date completion activities ceased N/A  
Verbal plugging (Y/N) N/A Date permission granted N/A Granted by N/A

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 97' Open mine(s) (Y/N) depths N  
Salt water depth(s) ft 1050' Void(s) encountered (Y/N) depths N  
Coal depth(s) ft none reported Cavern(s) encountered (Y/N) depths N  
Is coal being mined in area (Y/N) N

*Signature*  
7.10.24

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JUL 16 2024  
Reviewed by:  
07/19/2024  
WV Department of Environmental Protection

API 47-039 - 01075 Farm name Elijah L. Bailey And/Or Well number 7129

CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor		existing well					
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							
Packer type and depth set							

Comment Details \_\_\_\_\_

CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)	Yield (ft <sup>3</sup> /sks)	Volume (ft <sup>3</sup> )	Cement Top (MD)	WOC (hrs)
Conductor		existing well					
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) 1526 Loggers TD (ft) \_\_\_\_\_  
 Deepest formation penetrated Big Lime Plug back to (ft) \_\_\_\_\_  
 Plug back procedure \_\_\_\_\_

Kick off depth (ft) N/A

Check all wireline logs run  caliper  density  deviated/directional  induction  
 neutron  resistivity  gamma ray  temperature  sonic

Well cored  Yes  No Conventional Sidewall Were cuttings collected  Yes  No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING N/A

WAS WELL COMPLETED AS SHOT HOLE  Yes  No DETAILS N/A

WAS WELL COMPLETED OPEN HOLE?  Yes  No DETAILS N/A

WERE TRACERS USED  Yes  No TYPE OF TRACER(S) USED N/A

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Case No. 2024-00123 Date Filed: 07/19/2024

INVESTIGATION REPORT

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This report contains confidential information.

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Columbia Gas Transmission, LLC  
1700 MacCorkle Ave., SE, Charleston, WV, USA 25314



July 15<sup>th</sup>, 2024

WV DEP – Office of Oil & Gas  
601 57<sup>th</sup> Street, SE  
Charleston, WV 25304-2345

Enclosed are the post well work permit applications for the following Columbia Gas Transmission existing storage wells:

Lanham 7130 (API 47-039-01058)  
Lanham 7129 (API 47-039-01075)

If you have questions, feel free to call.

Regards,

A handwritten signature in blue ink, appearing to read "Maria Medvedeva", written over a light blue circular stamp.

Maria Medvedeva  
Senior Wells Engineer  
Well Engineering & Technology  
Columbia Gas Transmission, LLC  
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maria\_medvedeva@tcenergy.com

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