

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

API 47-039-01058 County Kanawha District Union
Quad Pocatalico, WV Pad Name Lanham Field/Pool Name Lanham
Farm name Gladys Harbert Well Number 7130
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) 631.6 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, performed 5-1/2" casing scraper cleanout, ran HRVRT cased hole log, re-run tubing, injected 1000 gal 15% HCl acid into the Big Lime, flowed well to recover completion fluids.

Date permit issued 10/10/2023 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 100', 1015' Open mine(s) (Y/N) depths N
Salt water depth(s) ft none reported 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

Gladys Harbert
7-10-24

JUL 16 2024
WV Department of
Environmental Protection

Reviewed by:
~~07/19/2024~~

Department of Environmental Protection
Well (Production) Report

Well ID	Well Name	County	Operator
1001	Production Well	Franklin	Franklin
1002	Production Well	Franklin	Franklin

Well ID	Well Name	County	Operator
1003	Production Well	Franklin	Franklin
1004	Production Well	Franklin	Franklin

Production Report for Well 1001, Franklin County, Virginia. The well is a gas well producing natural gas. The production rate is approximately 100,000 cubic feet per day. The well is owned and operated by Franklin County. The well is located in the Franklin County area. The well is a gas well producing natural gas. The production rate is approximately 100,000 cubic feet per day. The well is owned and operated by Franklin County. The well is located in the Franklin County area.

Production Report for Well 1002, Franklin County, Virginia. The well is a gas well producing natural gas. The production rate is approximately 100,000 cubic feet per day. The well is owned and operated by Franklin County. The well is located in the Franklin County area. The well is a gas well producing natural gas. The production rate is approximately 100,000 cubic feet per day. The well is owned and operated by Franklin County. The well is located in the Franklin County area.

Well ID	Well Name	County	Operator
1005	Production Well	Franklin	Franklin
1006	Production Well	Franklin	Franklin

Production Report for Well 1003, Franklin County, Virginia. The well is a gas well producing natural gas. The production rate is approximately 100,000 cubic feet per day. The well is owned and operated by Franklin County. The well is located in the Franklin County area. The well is a gas well producing natural gas. The production rate is approximately 100,000 cubic feet per day. The well is owned and operated by Franklin County. The well is located in the Franklin County area.

Department of Environmental Protection
July 19, 2024

07/19/2024

API 47-039 - 01058 Farm name Gladys Harbert Well number 7130

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 ³ /sks)	Volume (ft ³)	Cement Top (MD)	WOC (hrs)
Conductor		existing well					
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) 1487 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

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

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



July 15th, 2024

WV DEP – Office of Oil & Gas
601 57th 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
Mob: 304-410-4313
maria_medvedeva@tcenergy.com

RECEIVED
Office of Oil and Gas
JUL 16 2024
WV Department of
Environmental Protection

01572

1000 West 10th Street, Cheyenne, WY 82001

July 19, 2024

Office of Oil & Gas
601 West 2nd Street
Cheyenne, WY 82001-2218

Enclosed are the two copies of the permit application for the proposed well. The permit application is for a proposed well in the...

Permit Application (APL) 24-01013
Application Fee (AF) 24-01013

Two copies of the permit application are enclosed.

Respectfully,
[Signature]

Maria M. Johnson
Director, Oil & Gas
Well Engineering & Technology
Cheyenne Gas Administration, LLC
1000 West 10th Street
Cheyenne, Wyoming 82001

RECEIVED
Office of Oil and Gas

JUL 19 2024

Permit Application
Office of Oil and Gas

www.oilandgas.wyo.gov

07/19/2024