

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

API 47-039-01575-00-00 County Kanawha District Elk
Quad Blue Creek, WV Pad Name _____ Field/Pool Name Coco C
Farm name James F. Brown No. 20 Well Number Coco C 7325
Operator (as registered with the OOG) Columbia Gas Transmission, LLC
Address 1700 MacCorkle Ave. S.E. City Charleston State WV Zip 25325

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4256109.394 Easting 462548.328
Landing Point of Curve Northing N/A Easting N/A
Bottom Hole Northing Not measured (vertical wellbore) Easting Not measured (vertical wellbore)

Elevation (ft) 899.4' 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) _____

Date permit issued 5/18/2020 Date drilling commenced N/A Date drilling ceased N/A
Date completion activities began 10/6/2020 Date completion activities ceased 10/8/2020
Verbal plugging (Y/N) N/A Date permission granted _____ Granted by _____

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

Freshwater depth(s) ft N/A Open mine(s) (Y/N) depths N
Salt water depth(s) ft 1068' as reported by the driller in 1952. Void(s) encountered (Y/N) depths None reported by the driller in 1952.
Coal depth(s) ft None reported by the driller in 1952. Cavern(s) encountered (Y/N) depths None reported by the driller in 1952.
Is coal being mined in area (Y/N) N

Reviewed by: _____

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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							
Surface		10-3/4"	0'		43.5		
Coal		8-5/8"	1660'		24		
Intermediate 1		7"	5210'		23		
Intermediate 2							
Intermediate 3							
Production		5-1/2"	5295'		17		
Tubing							
Packer type and depth set		N/A					

Comment Details Pulled 2-3/8" tubing.

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							
Surface							
Coal				No record of cement.			
Intermediate 1				30 sx.			
Intermediate 2							
Intermediate 3							
Production				88 sx.			
Tubing							

Drillers TD (ft) 5361'

Deepest formation penetrated Oriskany

Plug back procedure _____

Loggers TD (ft) 5361'

Plug back to (ft) _____

Kick off depth (ft) _____

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 _____

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS Open hole from 5295'-5361'.

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

