

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

API 47-035-00521-00-00 County Jackson District Ravenswood  
Quad Ripley Pad Name \_\_\_\_\_ Field/Pool Name Ripley  
Farm name Bernard & Hazel Offutt Well Number Ripley 7316  
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 4303059.29 Easting 439429.70  
Landing Point of Curve Northing N/A Easting N/A  
Bottom Hole Northing Not measured (vertical wellbore) Easting Not measured (vertical wellbore)

Elevation (ft) 737.5 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

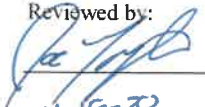
Drilling Media Surface hole  Air  Mud  Fresh Water Intermediate hole  Air  Mud  Fresh Water  Brine  
Production hole  Air  Mud  Fresh Water  Brine  
Mud Type(s) and Additive(s) \_\_\_\_\_

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Date permit issued 10/9/2019 Date drilling commenced N/A Date drilling ceased N/A  
Date completion activities began 11/12/2019 Date completion activities ceased 11/14/2019  
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 Reported at 320' by the driller in 1946. Open mine(s) (Y/N) depths N  
Salt water depth(s) ft Reported at 1337' by the driller in 1946. Void(s) encountered (Y/N) depths None reported by the driller in 1946.  
Coal depth(s) ft Reported at 1350' by the driller in 1946. Cavern(s) encountered (Y/N) depths None reported by the driller in 1946.  
Is coal being mined in area (Y/N) N

Reviewed by:  
  
11-18-20

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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		16"	0-10		65		No cement
Surface		13-3/8"	Pulled		48		No cement
Coal		10-3/4"	Pulled		40		No cement
Intermediate 1		8-1/4"	Pulled		24		No cement
Intermediate 2							
Intermediate 3							
Production		7"	0-61; 4772-4835		22		No cement
Tubing		4-1/2"	4860		12.6		425 sx.
Packer type and depth set		None.					

Comment Details 4" Liner from 2795'-2815' (Weatherford Enterra Homco Internal Casing Patch).

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							
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing		425 sx.					

Drillers TD (ft) 4930' Loggers TD (ft) 4930'

Deepest formation penetrated Oriskany Plug back to (ft) \_\_\_\_\_

Plug back procedure \_\_\_\_\_

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Kick off depth (ft) \_\_\_\_\_

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

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Environmental Protection

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 4860'-4930'.

WERE TRACERS USED  Yes  No TYPE OF TRACER(S) USED \_\_\_\_\_



