

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

API 47-041-05687 County Lewis District Hackers Creek
Quad Weston 7.5' Pad Name _____ Field/Pool Name _____
Farm name Charles D. Cole II Well Number Guy Alkire #3
Operator (as registered with the OOG) Mike Ross, Inc.
Address P O Box 219 City Coalton State WV Zip 26257

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing N/A Easting N/A
Landing Point of Curve Northing N/A Easting N/A
Bottom Hole Northing N/A Easting N/A

Elevation (ft) 1401' 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

Date permit issued 11/21/2013 Date drilling commenced 06/11/2014 Date drilling ceased 06/17/14
Date completion activities began 07/07/2014 Date completion activities ceased 07/07/14
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 1 1/2" stream @ 200 ft Open mine(s) (Y/N) depths N/A
Salt water depth(s) ft N/A Void(s) encountered (Y/N) depths N/A
Coal depth(s) ft 524 Cavern(s) encountered (Y/N) depths N/A
Is coal being mined in area (Y/N) N

Reviewed by:
JK

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CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade w/ft	Basket Depth(s)	Did cement circulate (Y/N) * Provide details below*
Conductor	20"	16"	32'	New			Y
Surface	11 3/4"	8 5/8"	1077'	New	20#	200	Y
Coal	11 3/4"	8 5/8"	1077'	New	20#	550	Y
Intermediate 1	11 3/4"	8 5/8"	1077'	New	20#		Y
Intermediate 2							
Intermediate 3							
Production	7 7/8"	4 1/2"	4284'	New	10:80		N
Tubing	None						
Packer type and depth set	None						

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	50-50 poz	10					12 Hr
Surface	50-50 poz	20					12 Hr
Coal							
Intermediate 1	50-50 poz	225					12 Hr
Intermediate 2							
Intermediate 3							
Production	50-50 poz	600				1350'	240 Hr
Tubing							

Drillers TD (ft) 5001 Loggers TD (ft) 5003
 Deepest formation penetrated Benson Plug back to (ft) 4285
 Plug back procedure 2% gel and cement

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
 8 5/8" 229' - 600'
 4 1/2" 4220' - 3170' - 1600'

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

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

