

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

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Office of Oil and Gas  
JAN 13 2023  
WV Department of  
Environmental Protection

API 47-051-01786 County Marshall District Washington  
 Quad Moundsville Pad Name Curry Field/Pool Name N/A  
 Farm name James E. Curry Well Number CURRY 10H  
 Operator (as registered with the OOG) EQT CHAP LLC  
 Address 400 Woodcliff Drive City Ganonsburg State PA Zip 15317

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey  
 Top hole Northing 4,417,816.200 Easting 528,541.052  
 Landing Point of Curve Northing 4,417,944.520 Easting 529,061.935  
 Bottom Hole Northing 4,416,885.007 Easting 529,952.692

Elevation (ft) 1320' 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)

Synthetic Oil Based Mud 12.50 ppg barium sulfate, sodium chloride, xanthan gum, polyanionic cellulose, modified starch, sodium hydroxide, phosphonates and alkyl phosphates, glutaraldehyde solution, calcium hydroxide, partially hydrolyzed polyacrylamide/polyacrylate, potassium chloride, sodium carbonate, ground walnut shells, alcohol and modified fatty acid, ferrochrome lignosulfonate, calcium carbonate, fibrous cellulose

Date permit issued 01/14/2015 Date drilling commenced 03/23/2015 Date drilling ceased 12/10/2016  
 Date completion activities began \_\_\_\_\_ Date completion activities ceased \_\_\_\_\_  
 Verbal plugging (Y/N) N 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 33,105,203,355 Open mine(s) (Y/N) depths N  
 Salt water depth(s) ft 1120,1928 Void(s) encountered (Y/N) depths N  
 Coal depth(s) ft 746,818 Cavern(s) encountered (Y/N) depths N  
 Is coal being mined in area (Y/N) N

Reviewed by:

02/17/2023

API 47-051 - 01786

Farm name James E. Curry

Well number CURRY 10H

CASING STRINGS	Hole Size	Casing Size	Depth (GL)	New or Used	Grade wt/ft	Basket Depth(s) (GL)	Did cement circulate (Y/ N) * Provide details below*
Conductor	36"	30"	40'	NEW	X-56 234#	N/A	Y
Surface	26"	20"	416'	NEW	J-55 94#	N/A	Y
Coal	17-1/2"	13-3/8"	859'	NEW	J-55 54.5#	793'	
Intermediate 1	12-1/4"	9-5/8"	2172'	NEW	J-55 40#	N/A	Y
Intermediate 2							
Intermediate 3							
Production	8-1/2"	5-1/2"	12,210'	NEW	P-110 20#	N/A	N
Tubing							
Packer type and depth set							

Comment Details Production Cement job had cement returned to surface, which is greater than 500' TVD above the producing formation. No issues during cement job.

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 (GL)	WOC (hrs)
Conductor	Bulk					0	8+
Surface	Premium NE	751	15.6	1.20	901	0	8
Coal	Premium NE / Grout	93.5 / 257	15.6 / 15.6	1.20 / 1.20	112 / 308	0	
Intermediate 1	CLASS A	793	15.6	1.19	944	0	8
Intermediate 2							
Intermediate 3							
Production	CLASS G Lead / CLASS G Tail	1544 / 1148	14.8 / 15.2	1.12 / 1.11	1729 / 1274	0'	8+
Tubing							

Drillers TD (ft) 12,234' Loggers TD (ft) N/A  
 Deepest formation penetrated MARCELLUS Plug back to (ft) N/A  
 Plug back procedure Cement Plug: from 931' to 759'. Pumped 27bbls Ultra Bond 12.5ppg spacer; 3bbl FW spacer; 42bbls Class A 15.6ppg Plug Slurry. Pumped 3.7bbls Ultra Bond 12.5ppg spacer; Wiper; Displace with 7.3bbls 9.3ppg SOB.M.

Kick off depth (ft) 5,007'

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

CONDUCTOR: NONE  
 SURFACE: ON SHOE TRACK AND EVERY 500' TO SURFACE  
 INTERMEDIATE: ON SHOE TRACK AND EVERY 500' FEET TO SURFACE  
 PRODUCTION: ON SHOE TRACK AND EVERY JOINT TO 4907' AND EVERY OTHER JOINT TO SURFACE

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WAS WELL COMPLETED AS SHOT HOLE  Yes  No DETAILS

WVU Environmental

WAS WELL COMPLETED OPEN HOLE?  Yes  No DETAILS

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





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WR-35  
Rev. 8/23/13

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API 47- 051 - 01786 Farm name James E. Curry Well number CURRY 10H

Drilling Contractor Highlands Drilling (Rig 14)  
Address 900 Virginia Street East City Charleston State WV Zip 25301

Logging Company GyroData  
Address 73 Noblestown Road City Carnegie State PA Zip 15106

Logging Company \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Cementing Company \_\_\_\_\_  
Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Logging Company KLX Energy Services, LLC  
Address 1498 Evans City Road City Evans City State PA Zip 16033

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