

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

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 Canonsburg 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:

*[Signature]*  
STRAYGOWSK  
2/1/23  
03/17/2023  
Well Not Completed

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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.

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Kick off depth (ft) 5,007'

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

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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 \_\_\_\_\_

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 \_\_\_\_\_

API 47- 051 - 01786

Farm name James E. Curry

Well number CURRY 10H

PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)

Please insert additional pages as applicable.

STIMULATION INFORMATION PER STAGE

Complete a separate record for each stimulation stage.

Stage No.	Stimulations Date	Ave Pump Rate (BPM)	Ave Treatment Pressure (PSI)	Max Breakdown Pressure (PSI)	ISIP (PSI)	Amount of Proppant (lbs)	Amount of Water (bbls)	Amount of Nitrogen/other (units)

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<u>PRODUCING FORMATION(S)</u>	<u>DEPTHS</u>	
	TVD	MD
_____	_____	_____
_____	_____	_____
_____	_____	_____

Please insert additional pages as applicable.

GAS TEST  Build up  Drawdown  Open Flow OIL TEST  Flow  Pump  
 SHUT-IN PRESSURE Surface \_\_\_\_\_ psi Bottom Hole \_\_\_\_\_ psi DURATION OF TEST \_\_\_\_\_ hrs  
 OPEN FLOW Gas \_\_\_\_\_ mcfpd Oil \_\_\_\_\_ bpd NGL \_\_\_\_\_ bpd Water \_\_\_\_\_ bpd GAS MEASURED BY  
 Estimated  Orifice  Pilot

LITHOLOGY/ FORMATION	TOP	BOTTOM	TOP	BOTTOM	DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H <sub>2</sub> S, ETC)
	DEPTH IN FT NAME TVD	DEPTH IN FT TVD	DEPTH IN FT MD	DEPTH IN FT MD	
	0		0		

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Please insert additional pages as applicable.

Drilling Contractor Nabors Industries (Rig X7)  
 Address 515 West Greens Road, Suite 1200 City Houston State TX Zip 77067

Logging Company Baker Hughes  
 Address 400 Technology Dr Suite 100 City Canonsburg State PA Zip 15317

Cementing Company Baker Hughes  
 Address 400 Technology Dr Suite 100 City Canonsburg State PA Zip 15317

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

Please insert additional pages as applicable.

Completed by John Zavatchan Telephone 724-746-9073  
 Signature [Signature] Title Project Specialist - Permitting Date 1/11/2023

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

03/17/2023

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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Well # Curry A 10H (L015654) Final Formations API# 47-051-01786				
Formation Name	Drill Top MD (ftGRD)	Drill Top (TVD) (ftGRD)	Drill Btm MD (ftGRD)	Drill Btm (TVD) (ftGRD)
Sand/Shale	1	1	746	746
Sewickley Coal	746	746	750	750
Sand/Shale	750	750	818	818
Pittsburgh Coal	818	818	824	824
Sand/Shale	824	824	1,857	1,855
Big Lime	1,857	1,855	2,022	2,020
Big Injun	2,022	2,020	2,105	2,103
Sand/Shale	2,105	2,103	2,236	2,234
Berea	2,236	2,234	2,628	2,626
Gantz	2,628	2,626	2,811	2,809
50F	2,811	2,809	2,857	2,855
30F	2,857	2,855	2,920	2,918
Bayard	2,920	2,918	3,375	3,373
Warren	3,375	3,373	3,422	3,420
Speechley	3,422	3,420	3,490	3,488
Balltown	3,490	3,488	3,885	3,883
Bradford	3,885	3,883	5,002	5,000
Benson	5,002	5,000	5,222	5,220
Alexander	5,222	5,220	5,667	5,626
Elk	5,667	5,626	6,186	5,928
Sonyea	6,186	5,928	6,872	6,293
Middlesex	6,872	6,293	6,937	6,324
Genesee	6,937	6,324	7,025	6,365
Geneseo	7,025	6,365	7,084	6,393
Tully	7,084	6,393	7,148	6,422
Hamilton	7,148	6,422	7,552	6,543
Marcellus	7,552	6,543	12,234	6,622

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