

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

API 47 - 051 - 02144 County Marshall District Clay
Quad Powhatan Point Pad Name Freeland Pad A Field/Pool Name _____
Farm name Joseph L. Freeland ET UX Well Number Freeland M02H
Operator (as registered with the OOG) Chevron Appalachia, LLC (49449935)
Address 700 Cherrington Parkway City Coraopolis State PA Zip 15108

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

Elevation (ft) 1274' 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 11/20/2019 Date drilling commenced 11/3/2019 Date drilling ceased 11/8/2019
Date completion activities began _____ Date completion activities ceased AUG 20 2020
Verbal plugging (Y/N) N Date permission granted _____ Granted by _____
RECEIVED
Office of Oil and Gas
WV Department of
Environmental Protection

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/a
Salt water depth(s) ft n/a Void(s) encountered (Y/N) depths n/a
Coal depth(s) ft n/a Cavern(s) encountered (Y/N) depths n/a
Is coal being mined in area (Y/N) n/a

Reviewed by:

API 47-051 - 02144

Farm name Joseph L. Freeland ET UX

Well number Freeland M02H

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	26"	20"	52'	N	X-52 / 78.67		Y
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							
Packer type and depth set							

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	Bulk Cement					Surface	8
Surface							
Coal							
Intermediate 1							
Intermediate 2							
Intermediate 3							
Production							
Tubing							

Drillers TD (ft) 52' Loggers TD (ft) 52"

Deepest formation penetrated _____ Plug back to (ft) _____

Plug back procedure _____

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 N/A

RECEIVED
Office of Oil and Gas

AUG 20 2020

WV Department of
Environmental Protection

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS N/A

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS N/A

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

API 47- 051 - 02144 Farm name Joseph L. Freeland ET UX Well number Freeland M02H

PERFORATION RECORD

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

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)
	N/A							

RECEIVED
Office of Oil and Gas
AUG 20 2020
WV Department of
Environmental Protection

Please insert additional pages as applicable.

API 47- 051 - 02144 Farm name Joseph L. Freeland ET UX Well number Freeland M02H

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

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

<u>LITHOLOGY/ FORMATION</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>TOP</u>	<u>BOTTOM</u>	<u>DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H₂S, ETC)</u>
	<u>DEPTH IN FT NAME TVD</u>	<u>DEPTH IN FT TVD</u>	<u>DEPTH IN FT MD</u>	<u>DEPTH IN FT MD</u>	
	<u>0</u>		<u>0</u>		Freeland M02H was only drilled to the conductor casing depth, about 52'. There are no recorded lithology tops, water, gas, or other fluids to report.

Please insert additional pages as applicable.

Drilling Contractor Rocky Mountain Drilling
 Address 185 North Vernal Avenue, Suite 2 City Vernal State UT Zip 84078

Logging Company N/A
 Address _____ City _____ State _____ Zip _____

Cementing Company BJ Services
 Address 3415 Millennium Boulevard, SE City Massillon State OH Zip 44646

Stimulating Company N/A
 Address _____ City _____ State _____ Zip _____

Please insert additional pages as applicable.

Completed by Jackie M. Scholar Telephone 412-865-3422
 Signature *Jackie M. Scholar* Title Regulatory Compliance Team Lead Date 8/3/2020

RECEIVED
Office of Oil and Gas
AUG 20 2020
WV Department of
Environmental Protection