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

API 47 - 051 - 02148 Marshall	Di	strict Clay	360
Ouad Powhatan Point Pad Name Freela	ind Pad A Fie	eld/Pool Name	
Farm name Joseph L. Freeland ET UX	W	ell Number Freela	nd M05H
Operator (as registered with the OOG) Chevron Appalach	ia, LLC (49449935)		
Address 700 Cherrington Parkway City Cora	aopolis	State PA	Zip _15108
As Drilled location NAD 83/UTM Attach an as-drille  Top hole Northing  Landing Point of Curve Northing  Bottom Hole Northing	Easting	g	
Elevation (ft) 1274' GL Type of Well	New □ Existing	Type of Report	Interim □Final
Permit Type   □ Deviated  □ Horizontal   ■ Horizon	tal 6A	Depth Type	□ Deep ■ Shallow
Type of Operation □ Convert □ Deepen ■ Drill □	Plug Back   Redrilling	ng 🗆 Rework	Stimulate
Well Type □ Brine Disposal □ CBM ■ Gas □ Oil □ Sec	ondary Recovery	tion Mining   Stora	age 🗆 Other
Type of Completion □ Single □ Multiple Fluids Produ  Drilled with □ Cable ■ Rotary	ced □ Brine □Gas	□ NGL □ Oil □	Other
Drilling Media Surface hole ■ Air □ Mud □ Fresh War Production hole □ Air □ Mud □ Fresh Water □ Brine		le □ Air ■ Mud	□ Fresh Water □ Brine RECEIVED Office of Oil and Gas
Mud Type(s) and Additive(s)			AUG 2 0 2020
			WV Department of Environmental Protection
Date permit issued3/1/2019 Date drilling comm	menced 12/6/2019	Date drilling ce	ased12/7/2019
Date completion activities began			
Verbal plugging (Y/N)N Date permission grante			
Please note: Operator is required to submit a plugging applic	eation within 5 days of ver	bal permission to plu	ug
Freshwater depth(s) ftn/a	Open mine(s) (Y/N) de	oths	n/a
Salt water depth(s) ft n/a	Void(s) encountered (Y	/N) depths	n/a
Coal depth(s) ftn/a	Cavern(s) encountered	(Y/N) depths	n/a
Is coal being mined in area (Y/N)n/a			Reviewed by:

WR-35 Rev. 8/23/13

API 47- 051	_ 02148	Farm nan	<sub>ne_</sub> Joseph L. Fr	eeland	ET UX	We	ell numberFre	eland I	M05H
CASING STRINGS	Hole Size	Casing Size		ew or Used	Grade wt/ft		Basket Depth(s)		nent circulate (Y/N) de details below*
Conductor	26"	20"	52'	N	X-52 /	78.67			Υ
Surface	17-1/2"	13-3/8"	695'	N	J-55 /	54.50			Υ
Coal									
Intermediate 1									¥
Intermediate 2									
Intermediate 3									
Production									
Tubing									
Packer type and d	epth set	•	*						
CEMENT DATA	Class/Type of Cement	Number of Sacks	Slurry wt (ppg)		Yield t <sup>3</sup> /sks)	Volum (ft <sup>3</sup> )	e Cem Top (l		WOC (hrs)
Conductor	Bulk Cemen						Surfa		8
Surface	Class A	521	15.6		1.20	625	Surfa	ace	8
Coal									
Intermediate 1									
Intermediate 2									
Intermediate 3									
Production									
Tubing									
	ation penetrated		Pl		TD (ft) 720' to (ft)				RECEIVED Office of Oil and Gi
Kick off depth	n (ft)_N/A								AUG 2 0 2020
Check all wire	eline logs run	□ caliper □ neutron		□ devia □ gamm	ted/direction		induction temperature	⊑soni	WV Department of invironmental Protection
Well cored	□ Yes □ No	□ Convention	nal 🗆 Sidewall		We	ere cuttin	gs collected	□ Yes	□ No
		IZER PLACEME joint over coupling to surface.	NT USED FOR E	EACH C	ASING ST	TRING _			
WAS WELL	COMPLETED	AS SHOT HOLE	□ Yes □ No	) D	ETAILS	N/A			
WAS WELL	COMPLETED	OPEN HOLE?	□ Yes □ No	DET	AILS N/	A			
WERE TRAC	CERS USED	Yes • No	TYPE OF TRAC	CER(S)	USED				

API 47- 051 02148 Farm name Joseph L. Freeland ET UX	Freeland M05H Well number	
--	---------------------------	--

## 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							DEORUM
							Offic	RECEIVED be of Oil and Gas
								JG <b>2 0</b> 2020
							W\ Enviro	Department of nmental Protection
-								WHO THE THOUGH

Please insert additional pages as applicable.

API 47- 051	_ 02148	Farm 1	name_Joseph L.	Freeland E	T UX	<	Well n	umber_	Freeland	M05F	l
PRODUCING	FORMATION(	<u>S)</u>	<u>DEPTHS</u>								
N/A				_TVD			MD				
				_	_						
Please insert ad	lditional pages a	s applicable.									
GAS TEST	□ Build up □	Drawdown	□ Open Flow		OII	TEST 🗆	Flow 🗆	Pump			
SHUT-IN PRE	SSURE Surf	ace	_psi Botto	m Hole		psi	DURAT	ION O	F TEST		hrs
OPEN FLOW	Gas mc1	Oil fpdl	NGL bpd	_ bpd _		ater bpd	GAS M □ Estin				⊐ Pilot
LITHOLOGY/ FORMATION	TOP DEPTH IN FT NAME TVD	BOTTOM DEPTH IN FT TVD	TOP DEPTH IN FT MD	BOTTOM DEPTH IN MD		DESCRIBE TYPE OF FI				1175 030 - Francisco II	TITYAND GAS, H <sub>2</sub> S, ETC)
Maynoshura Coal	0	n/a	407	n/a		Thorois	only one	mudlog fo	or the Ere	aaland t	ophole, it is for
Waynesburg Coal Sewickley Coal	407 549	n/a n/a	549	n/a							nly 3 tops, and
Redstone Coal	644	n/a	644	n/a							s spikes of any
						kind. The	only tops i	dentified	are coal	seams	and their bottom
							dept	h/thickne	ess is not	stated.	
										Office	of Oil and Gas
											<b>2 0</b> 2020
Please insert ac	dditional pages	as applicable.									
	actor SEE ATTA								E	nvironr	Department of nental Protection
			City				State		_Zip_		
	any Stratagraph	NF Inc									
Address 116 El	Isworth Avenue	THE IIIO	City	Marietta			State	ОН	_Zip_	45750	
Cementing Co.	mpany BJ Servi	ces									
Address 3415 M	Millennium Bouleva	rd SE	City	Massillon			State	ОН	_ Zip _	44646	
Stimulating Co	ompany N/A										
Address	,p		City				State		_Zip_		
	dditional pages	as applicable.									
Commissed	y Jackie M. Scho	olar /				Telephone	412-865	-3422			
Signature		4	Title _R	egulatory Co	_ ompli	ance Team L	ead	Date 8/	3/2020		

Page <u>5</u> of <u>5</u>

API: 47-051-02148 Farm Name: Joseph L. Freeland ET UX Well Number: Freeland M05H

DRILLING CONTRACTORS						
Driller	Driller	Driller				
Name Rocky Mountain Drilling	Name Precision Drilling Holdings Company	Name				
Address 185 North Vernal Avenue, Suite 2	Address 10350 Richmond Avenue, Suite 700	Address				
City – State – Zip Vernal, UT 84078	City – State – Zip Houston, TX 77042	City - State - Zip				

Office of Oil and Gas

AUG 2 0 2020

WV Department of Environmental Protection