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

API 47 - 051 _ 02145	County Marshall	District Clay							
Quad Powhatan Point	Pad Name Freeland Pad A	Field/Pool Nan	Field/Pool Name						
Farm name Joseph L. Freeland ET UX Well Number Freeland M03H									
Operator (as registered with the OOG)	Chevron Appalachia, LLC (4	19449935)							
Address 700 Cherrington Parkway	City Coraopolis	State PA	Zip 15108						
Landing Point of Curve	Attach an as-drilled plat, prof Northing Northing Northing	Easting	rey						
Elevation (ft) 1274' GL	Type of Well ■New □ l	Existing Type of R	eport ■Interim □Final						
Permit Type Deviated He	orizontal Horizontal 6A	Vertical Depth Ty	pe □ Deep ■ Shallow						
Type of Operation □ Convert □ D	eepen ■ Drill □ Plug Back	□ Redrilling □ Rew	ork Stimulate						
Well Type □ Brine Disposal □ CBM	Gas □ Oil □ Secondary Rec	covery Solution Mining	□ Storage □ Other						
Type of Completion □ Single □ Mul Drilled with □ Cable ■ Rotary			RECEIVED						
Drilling Media Surface hole Air	□ Mud □Fresh Water In	ntermediate hole	Mud Fresh Water Brille Gas						
Production hole	Fresh Water Brine		AUG 2 0 2020						
Mud Type(s) and Additive(s)			WV Department of Environmental Protection						
Date permit issued11/20/2019 Date completion activities began									
	Date permission granted								
Please note: Operator is required to su									
Freshwater depth(s) ft	n/a Open mir	ne(s) (Y/N) depths	n/a						
Salt water depth(s) ft	n/a Void(s) e	ncountered (Y/N) depths _							
Coal depth(s) ft	/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	7- 051 _ 02145 Farm name_Joseph L. Freeland ET UX						Well numberFreeland M03H			
CASING STRINGS	Hole Size	Casing Size	Depth	New or Used	Grade wt/ft		Basket Depth(s)		ement circulate (Y/N) vide details below*	
Conductor	26"	20"	52'	N	X-52	/ 78.67			Υ	
Surface										
Coal										
Intermediate 1										
Intermediate 2										
Intermediate 3										
Production										
Tubing										
Packer type and de	epth set									
CEMENT DATA	Class/Type of Cement	Numbe of Sack			Yield ft ³ /sks)	Volum (ft ³)		Cement Top (MD)	WOC (hrs)	
Conductor	Bulk Cement							Surface	8	
Surface										
Coal										
Intermediate 1										
Intermediate 2										
Intermediate 3										
Production										
Tubing										
•	ation penetrated				TD (ft) <u>52'</u> k to (ft)				RECEIVED Office of Oil and Gas AUG 2 0 2020	
Check all wire	eline logs run	□ caliper □ neutron	□ density □ resistivity		nted/directi na ray		induction temperat	E ure □so	W Department of nvironmental Protection	
Well cored	□ Yes □ No	□ Conventi	onal 🗆 Side	ewall	W	ere cuttir	gs collecte	ed 🗆 Yes	□ No	
				OD E : 611	3.6875 =	TDDIC	NIA			
DESCRIBE T	HE CENTRAL	IZER PLACEM	ENT USED FO	OR EACH (CASING S	TRING	N/A			
WAS WELL	COMPLETED	AS SHOT HOL	E □ Yes □	No I	DETAILS	N/A				
WAS WELL	COMPLETED (OPEN HOLE?	□ Yes □ 1	No DE	TAILS N	/A				
WERE TRAC	CERS USED [Yes ■ No	TYPE OF	TRACER(S) USED _					

	2	4
Page	of	f

API 47- 051 - 02145 Joseph L. Freeland ET UX Well number Freeland M03H	
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PERFORATION RECORD

Stage No.	Perforation date	Perforated from MD ft.	Perforated to MD ft.	Number of Perforations	Formation(s)
	N/A				
		8			·

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 ice of Oil and Gas
							Of	ice of Oil and Gas
							1	NUG 2 0 2020
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Please insert additional pages as applicable.

API 47- 051	_ 02145	F	arm name	Joseph L.	Freeland E	ET U	Κ	Well n	umber_	reeland MC)3H
PRODUCING I	FORMATIO	N(S)	DEP	ΓHS							
N/A					TVD			MD			
Please insert ad	ditional page	es as applica	ble.								
GAS TEST	□ Build up	□ Drawdo	wn 🗆 Op	en Flow		OII	L TEST 🗆	Flow \square	Pump		
SHUT-IN PRE	SSURE S	urface	psi	Botto	m Hole		psi	DURAT	ION OI	F TEST _	hrs
OPEN FLOW	Gas	O	il	NGL		W	ater			RED BY	
		ncfpd	bpd		bpd		bpd	□ Estin	nated	□ Orifice	□ Pilot
	TOP	DOTT	214	TOD	DOTTO	M					
LITHOLOGY/ FORMATION	TOP DEPTH IN I	BOTTO T DEPTH		TOP PTH IN FT	BOTTO DEPTH IN		DESCRIBE	ROCK TYP	PE AND R	RECORD QUA	ANTITYAND
ronantion	NAME TVI			MD	MD						IL, GAS, H ₂ S, ETC)
	0			0							
								A		W MISING CO	ctor casing depth,
							about 5				tops, water, gas,
								С	or other flu	ids to report.	*
											DECEMEN
										Offi	ce of Oil and Gas
										A	UG 2 0 2020
										Enviro	V Department of onmental Protection
	<u> </u>										
Please insert ac	lditional pag	es as applica	ble.								
Drilling Contra	ctor Rocky	Mountain Drill	ing								
Address 185 No	orth Vernal Ave	nue, Suite 2		City	Vernal			State	UT	_ Zip <u>8407</u>	78
Logging Comp	any N/A										
Address				City				State		Zip	
Cementing Con	mpany BJ Se	ervices		C't-	Massillon	-		Stata	ОН	Zip 4464	46
Address 3415 N	/illiennium Boul	evalu SE		City	IVIASSIIIOII			State		_ Zip	
Stimulating Co	mpany N/A	1				_					
	3 00 0			City				State		Zip	
Please insert ac	dditional pag	es as applica	ıble.								
Completed by	Jackie M. S	cholar	0				Telephon	e 412-865	5-3422		
Signature /		1 1.	f	Title R	Regulatory C	Compl	iance Team L	ead	Date 8/	3/2020	
J.g.iaitai C	prove	1 00	1								