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

API 47 - 051 - 02146 County Marshall	District Clay	
	10-14	
Farm name Joseph L. Freeland ET UX	Well Number From	eeland M04H
Operator (as registered with the OOG) Chevron Appalach	a, LLC (49449935)	
Address 700 Cherrington Parkway City Cora	aopolis State PA	_{Zip} _15108
As Drilled location NAD 83/UTM Attach an as-drilled Top hole Northing Landing Point of Curve Northing Bottom Hole Northing	Easting	
Elevation (ft) 1274' GL Type of Well	New □ Existing Type of Repo	rt ∎Interim □Final
Permit Type □ Deviated □ Horizontal ■ Horizont	al 6A	□ Deep ■ Shallow
Type of Operation □ Convert □ Deepen ■ Drill □	Plug Back □ Redrilling □ Rework	■ Stimulate
Well Type □ Brine Disposal □ CBM ■ Gas □ Oil □ Sec	ondary Recovery	Storage Other
Type of Completion □ Single □ Multiple Fluids Produc	ced □ Brine □Gas □ NGL □ Oil	□ Other
Drilled with □ Cable ■ Rotary		
Drilling Media Surface hole ■ Air □ Mud □ Fresh Water □ Brine Mud Type(s) and Additive(s)		RECEIVED Office of Oil and Gas AUG 2 0 2020
		WV Department of
Date permit issued13/1/2019 Date drilling comm	nenced11/3/2019 Date drillin	Environmental Protection
Date permit issued13/1/2019 Date drilling common		Environmental Protection ag ceased12/14/2019
Date completion activities began		Environmental Protection ag ceased12/14/2019
Date completion activities began	Date completion activities ceased Granted by	Environmental Protection ag ceased
Date completion activities began Verbal plugging (Y/N) N Date permission granted Please note: Operator is required to submit a plugging application.	Date completion activities ceased Granted by	Environmental Protection ag ceased
Date completion activities began	Date completion activities ceased Granted by ation within 5 days of verbal permission to	Environmental Protection ng ceased 12/14/2019 o plug n/a n/a
Date completion activities began	Date completion activities ceased Granted by ation within 5 days of verbal permission to Open mine(s) (Y/N) depths	ing ceased
Date completion activities began Verbal plugging (Y/N) N Date permission granted Please note: Operator is required to submit a plugging application. Freshwater depth(s) ft n/a Salt water depth(s) ft n/a	Date completion activities ceased Granted by ation within 5 days of verbal permission to Open mine(s) (Y/N) depths Void(s) encountered (Y/N) depths	ing ceased

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Kev. 6/23/13							_		
API 47- 051	02146	Farm na	me_Joseph	L. Freeland	I ET UX	We	ell number	reeland N	И04H
CASING	Hole	Casing		New or	Grade		Basket	Did cem	ent circulate (Y/N
STRINGS	Size	Size	Depth	Used	wt/ft		Depth(s)		de details below*
Conductor	26"	20"	52'	N	X-52	/ 78.67			Υ
Surface	17-1/2"	13-3/8"	719'	N	J-55	/ 54.50			Υ
Coal									
ntermediate 1	12-1/4"	9-5/8"	2215'	N	L-8	0 / 40			Υ
Intermediate 2									
Intermediate 3									
Production									
Tubing									
Packer type and d	epth set								
Comment Details									
CEMENT DATA	Class/Type of Cement	Numbe of Sack			Yield ft 3/sks)	Volum (ft 3)		ement (MD)	WOC (hrs)
Conductor	Bulk Cemen		()					ırface	8
Surface	Class A	521	15.	.6	1.20	625	Su	ırface	8
Coal									
Intermediate 1	Class A	773	15.	.6	1.20	928	Su	ırface	8
Intermediate 2									
Intermediate 3									
Production									
Tubing									
	ation penetrated			_	ΓD (ft) _225 x to (ft)				
Kick off depth	n (ft)_N/A								
Check all wire	eline logs run	□ caliper □ neutron	□ density □ resistivit		ted/directi na ray		induction temperature	soni	с
	Yes □ No	□ Convention					gs collected	REC	□ No CEIVED Oil and Gas
Surface: (1) on shoe trac	ck with stop collar and (1) per	er joint over coupling to surface ar and (1) per 3 joints ove						AUG 2	2 0 2020
									partment of ntal Protection
WAS WELL	COMPLETED	AS SHOT HOLE	E □ Yes □	No D	ETAILS	N/A			
WAS WELL	COMPLETED	OPEN HOLE?	□ Yes □	No DE	TAILS N	I/A			

API 47- 051 - 02146 Farm name Joseph L. Freeland ET UX	Well number Freeland M04H
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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				
		IX I			

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							
								i i
			H H				0	
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							Enviro	nmental Protection

Please insert additional pages as applicable.

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API 47- 051	_ 02146	Farm n	ame Joseph L. I	Freeland ET U	X Well n	umber_Freela	ind MU4H
PRODUCING F	FORMATION(S	o 1	DEPTHS				
	Oldvirillorige	_					
N/A				_TVD	MD		
		12.					
Please insert ad	ditional pages as	s applicable.					
CAC TECT	- D. 'I.I	Danielaum	□ Open Flow	OI	L TEST 🗆 Flow 🗆	Pumn	
GAS TEST	□ Build up □	Drawdowii	□ Open Flow	Oil	LILSI DIIOW D	Tump	
SHUT-IN PRES	SSURE Surfa	ace	psi Botto	m Hole	psi DURAT	TON OF TES	SThrs
						E LOUDED	DV
OPEN FLOW	Gas	Oil	NGL			IEASURED	
	mcfj	od b	opd	bpd	bpd Estin	nated \square Or	ince Phot
LITHOLOGY/	TOP	BOTTOM	TOP	BOTTOM	P. C. C. P. C.	NE AND DECC	NO OLI ANTERVAND
FORMATION	DEPTH IN FT	DEPTH IN FT	DEPTH IN FT	DEPTH IN FT	DESCRIBE ROCK TYP		
	NAME TVD	TVD	MD	MD	TYPE OF FLUID (FRE	SHWATEK, BK	INE, OIL, GAS, H ₂ S, ETC)
	0		0	-1-	There is only one	mudlog for the	Freeland tophole, it is for
Waynesburg Coal	407	n/a	407	n/a			dentifies only 3 tops, and
Sewickley Coal	549	n/a	549	n/a			orine, or gas spikes of any
Redstone Coal	644	n/a	644	n/a			pal seams and their bottom
						th/thickness is	
					иер	III/IIIICKIIC33 IS	not stated.
							RECEIVED
Dlease insert a	ditional pages a	L s annlicable					Office of Oil and Gas
							AUG 2 0 2020
Drilling Contra	actor SEE ATTA	CHED	-8			7.	
Address			City		State	Z1	p WV Department of nvironmental Protection
Landing Comm	any Stratagraph	NE Inc				E	nvironmental Protection
Address 116 El	Isworth Avenue		City	Marietta	State	OH Zi	p 45750
Address							
Cementing Co	mpany BJ Servi	ces					1
Address 3415 N	Millennium Bouleva	rd SE	City	Massillon	State	OH Zi	p 44646
	NIA						
Stimulating Co			O':		Stata	Zi	p
			City		State		Ρ
Please insert a	dditional pages	as applicable.					
Completed by	y Jackie M. Scho	olar /			Telephone 412-865	5-3422	
Signature	16/1	1	Title F	Regulatory Comp	oliance Team Lead	Date 8/3/202	20
Signature		U					
Submittal of H	Iydraulic Fractu	ring Chemical	Disclosure Info	ormation	Attach copy of FRAC	FOCUS Reg	istry
	100						

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API: 47-051-02146 Farm Name: Joseph L. Freeland ET UX Well Number: Freeland M04H

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			

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