## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	:				(	'See Instru	ctions on Re	verse Side	e)				
✓ Op	en Flo	W			Toot Date	<b></b>			A Ext. F	lo 15			
· De	liverab	ilty			Test Date 7/28/20					No. 15 25-21065 <del>-</del>	-0000		
Company		Oper	ating, L.L.C	). ·		-	Lease Theis					Well Number	
County Clark			Locat 660 FN	ion L & 660 FEL	Section 18		TWP 35S		RNG (E/W) 25W		Acres Attributed		ıted
Field McKinn	iey				Reservoir Cheste					ering Conn dstream Ma	ection arketing LP		
Completion 10/22/9		e			Plug Bac	k Total De	pth .		Packer Se	et at	_		
Casing Size 4.5		Weight 11.6		Internal Diameter			Set at 6296		Perforations 6090		то 6204		
Tubing Size 2.375		<u>-</u>	Weigh	nt .	Internal Diamete 1.995		Set at 6011		Perforations		То	То	
Type Con Single (		n (De	escribe)		Type Flui	d Production	on		Pump Uni Plunge	t or Traveling	Plunger? Yes	/ No	
	g Thru	(Anı	nulus / Tubin	g)	% C	arbon Dio	xide		% Nitroge		Gas G	avity - G <sub>g</sub>	
Vertical D		H)				Pre	ssure Taps	<del></del>		.:-	(Meter	Run) (Prover)	Size
Pressure	Buildu	p:	Shut in 7/2	7 2	0_15_at_8:	:00	(AM) (PM)	Taken_7/	28	20	15 at 8:00	(AM) (	(PM)
Well on L	ine;		Started	2	0 at		_ (AM) (PM)	Taken		20	at	(AM) (	(PM)
						OBSERV	ED SURFACI	E DATA	-		Duration of Shut-	24	Hours
Static / Dynamic Property	Orifi Siz (inch	e	Circle one: Meter Prover Press		Flowing Temperature t	Well Head Temperatur t	Wellhead (P <sub>w</sub> ) or (P	Fasing Tubing and Pressure Wellhead Pressure $(P_t)$ or $(P_c)$ $(P_w)$ or $(P_t)$ or $(P_c)$ $(Hours)$		Liquid Prod (Barrels	luced		
Shut-In			psig (Pm)	Inches H <sub>2</sub> 0			psig 106	psia 120.4	psig 106	120.4	24	;	
Flow								<u></u>					
						FLOW ST	REAM ATTR	IBUTES					
Plate Coeffied (F <sub>b</sub> ) (F Mofd	ient p)	Pro	Circle one: Meter or over Pressure psia	Press Extension P <sub>m</sub> xh	Grav Fact	tor	Flowing Temperature Factor F <sub>rt</sub>	Fa	iation ctor pv	Metered Flor R (Mcfd)	w GOR (Cubic Fe Barrel)	eet/ Fi	owing luid avity G <sub>m</sub>
					(OPEN FLO	OW) (DELI	VERABILITY	CALCUL	ATIONS	· .		3 0007	
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =		P <sub>d</sub> =			c - 14.4) +		: <u></u> :	(P <sub>a</sub> )	<sup>2</sup> = 0.207 <sup>2</sup> =	
(P <sub>c</sub> ) <sup>2</sup> - (I or (P <sub>c</sub> ) <sup>2</sup> - (I		<b>(</b> F	P <sub>o</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Slor As	ssure Curve be = "n" or signed ard Slope	n x Le	og [	Antilog	Open Flo Deliverab Equals R x a (Mcfd)	ollity Antilog
				•		<u>.</u>				•.			
Open Flo	w			Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 ps	ia	
The	unders	igne	d authority, o	n behalf of the	Company, s	states that	he is duly au	thorized t	o make the	-	ort and that he ha		of
				aid report is true					day of No			, 20	
						KANSAS (	CORPORATION C	OMMISSION				<u> </u>	
	<del></del>		Witness	if any)		D D	EC 022	015		Fore	Company		
•			For Com	nission		CON	SERVATION DIV	/ISION		Che	cked by		

exempt s and that correct to of equipr	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, L.L.C.  the foregoing pressure information and statements contained on this application form are true and to the best of my knowledge and belief based upon available production summaries and lease records ment installation and/or upon type of completion or upon use being made of the gas well herein named. eby request a one-year exemption from open flow testing for the Theis 2-18
gas well	on the grounds that said well:
	(Check one)  is a coalbed methane producer  is cycled on plunger lift due to water  is a source of natural gas for injection into an oil reservoir undergoing ER  is on vacuum at the present time; KCC approval Docket No  is not capable of producing at a daily rate in excess of 250 mcf/D
	her agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as r	necessary to corroborate this claim for exemption from testing.
Date: <u>1</u>	
	Signature: Sara Everett, Regulatory Analyst
	Title: Odia Evolett, Negalatory Milaryst

Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.

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