## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:		-			(	See Instruct	ions on Re	everse Side	e)					
Op	en Flo	w				Test Date	٠.			ΔDI	No. 15				
Del	liverab	ilty				06/16/20	•				9-21367 <b>- 0</b>	000			
Company Chesap		e Op	perating,	lnc.				Lease Embei	rton			1-8	Well Nu	ımber	
County Location Morton SE NE			Section 8			TWP 31S		RNG (E/	W)	Acres Attributed					
Field Kinsler				Reservoir Morrow				Gas Gathering Connection DCP Midstream Marketing LP							
Completion Date 4/5/95					Plug Bac 5290	k Total Dept	th		Packer S None	et at					
Casing Size Weight 4 1/2 10.5					Internal E 4.052	Diameter	Set 549		Perforations 5280		то 5285				
Tubing Size Weight 2.375 4.7				Internal Diameter 1.995			Set <b>52</b> 6		Perforations		То				
Type Completion (Describe) Single Gas					Type Flui None	d Production	n		Pump Unit or Traveling Pump Unit		Plunger? Yes / No				
	Thru	(Anı	nulus / Tubir	ıg)		% C	Carbon Dioxi	de		% Nitrog		Gas Gr	avity -	G <sub>g</sub>	
Vertical Depth(H) 5700				Pressure Taps					(Meter 3.068		rover) Size				
Pressure Buildup: Shut in 06/15			20_13 at 11 (AM) (PM) Take					16/16 <sub>20</sub> 13 <sub>at</sub> 11			(AM) (PM)				
Well on L	ine:					0 at	<u> </u>	(AM) (PM)	Taken		20	at		(AM) (PM)	
			1	-			OBSERVE	D SURFAC	E DATA			Duration of Shut	-in_24	Hours	
Static / Dynamic Property	Orifi Siz (inch	е	Circle one:  Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	erature (P <sub>w</sub> ) or (P <sub>1</sub> ) or		Tubing  Wellhead Pressure $(P_w)$ or $(P_l)$ or $(P_c)$ psig psia		Duration (Hours)	1 '	Liquid Produced (Barrels)	
Shut-In			, , ,		2			320	334.4	0	14.4	24			
Flow															
<del> </del>				_		Г	FLOW STR	REAM ATTE	RIBUTES	- 1		<u> </u>		<del> </del>	
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meter or Prover Pressure psia		Press Extension P <sub>m</sub> x h	Extension Fac		Flowing Temperature Factor F <sub>f1</sub>	rature Factor		Metered Flo R (Mcfd)	w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
(P <sub>c</sub> ) <sup>2</sup> =	_	_:	(P <sub>w</sub> ) <sup>2</sup>	=	:	P <sub>d</sub> =	OW) (DELIV		<b>Y) CALCUI</b> (P <sub>c</sub> - 14.4) +		:		$0.2^2 = 0.2^2$	207	
	$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		ose formula 1 or 2:  1. P <sub>c</sub> <sup>2</sup> -P <sub>s</sub> 2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> ded by: P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup> LOG of formula  1. or 2.  and divide  by:			Backpre Slo	Backpressure Curve Slope = "n" or Assigned Standard Slope		LOG	Antilog	O De Equal	pen Flow liverability s R x Antilog (Mcfd)	
				arvia											
Open Flo					Mcfd @ 14.	65 neia		Delivera	hility			Mcfd @ 14.65 ps	ia		
			al a			·	-1-1- 11 ::		-					.11-	
		-	d authority, o					•			•	ort and that he ha		vledge of 20 13	
			,	<b>-</b>	р							la la		WICH	
			Witness	(if any	y)						For	Company		TAICU	
<u></u>			For Com	missio	on						Che	cked by	JUL	0 1 201	
													RI	ECEIVE	

I declare und	er penalty of perjury under the laws of the state of Kansas that I am authorized to request									
exempt status und	ler Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc									
	poing pressure information and statements contained on this application form are true and									
	t of my knowledge and belief based upon available production summaries and lease records									
	allation and/or upon type of completion or upon use being made of the gas well herein named.									
I hereby request a one-year exemption from open flow testing for the										
	ounds 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									
$\checkmark$	is not capable of producing at a daily rate in excess of 250 mcf/D									
I further agre	e to supply to the best of my ability any and all supporting documents deemed by Commission									
_	y to corroborate this claim for exemption from testing.									
stan as necessar	, to conceptiate this claim for exemption from testing.									
Date: 06/26/2013										
Date: <u>00/20/2010</u>	<u>'                                    </u>									
	Signature: Jan Vidado									
	Signature: Dawn Richardson, Regulatory Technician III									

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. signed and dated on the front side as though it was a verified report of annual test results.

JUL 0 1 2013