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

Type Test:	:				(	See Insti	ructio	ns on Re	verse Side	)						
Op/	en Flov	W			Test Date	<b>)</b> :				API	No. 15					
Deliverabilty				05/29/2013					175-10158 - <b>000</b>							
Company <b>Chesa</b> p		e Op	perating, Ir	ıc.				Lease Light					1-9	Well Nu	ımber	
County Location Seward NE NE			Section 9			TWP 35S		RNG (E/W) 33W				Acres /	Attributed			
Field				Reservoir L Morrow/Chester				Gas Gathering Connection OneOk Energy Service								
Completion Date 4/16/63				Plug Bac	Plug Back Total Depth				Packer Set at None							
Casing Si 5.5	asing Size Weight .5 15.5			1	Internal Diameter 4.950			Set at 6292		Perforations 6128		то 6237				
Tubing Si.	ubing Size Weight .375 4.7				Internal Diameter 1.995			Set at 6071		Perfo	rations		То			
Type Completion (Describe) Commingled Gas				Type Flui none	Type Fluid Production none				Pump Unit or Traveling Plunger? Yes				/ No			
			nulus / Tubing	)	% C	arbon Di	ioxide	<del></del>		% Nitrog	jen		Gas Gr	ravity -	G <sub>g</sub>	
Vertical Depth(H) 6183				Pressure Taps Flange									rover) Size			
Pressure	Buildu	p:	Shut in05/2	28 2	13 at 7				Taken_05	5/29	20	13 at			(AM) (PM)	
Well on Li	ine:		Started	2											(AM) (PM)	
	,				······································	OBSER	RVED	SURFAC	E DATA			Duration	n of Shut	-in_24	Hours	
Static / Dynamic Property	Orifice Size (inches)		Circle ane: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	lemperature Tempe		rature $(P_w)$ or $(P_t)$ or $(P_c)$		Pressure	Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) psig psia		Duration (Hours)		Liquid Produced (Barrels)		
Shut-In				2			1	psig 45	<sup>psia</sup> 59.4	19	33.4	24	24			
Flow																
						FLOW S	STRE	AM ATTR	IBUTES				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		· · · · · · · · · · · · · · · · · · ·	
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Extension Fact		tor Temper		Deviation Factor F <sub>pv</sub>		Metered Flor R (Mcfd)	GOR (Cubic Fee Barrel)		et/	Flowing Fluid Gravity G <sub>m</sub>	
···											<u></u>					
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	;	(OPEN FL	OW) (DE	LIVE %		) CALCUL <sub>c</sub> - 14.4) +		:		(P <sub>a</sub> ) (P <sub>d</sub> )	) <sup>2</sup> = 0.2 ) <sup>2</sup> =	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>		Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w$	1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> LOG of formula 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> 1. or 2. and divide		Slop    p2_p2		ssure Curve e = "n" origned ard Slope		n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
									. 21 10 21 101							
Open Flov		···		Mcfd @ 14.	65 psia			Deliverab	oility	<u> </u>		Mcfd @	14.65 ps	sia		
				behalf of the								ort and th			-	
ne facts st	tated th	herei	n, and that sa	id report is true	e and correc	t. Execu	ted th	his the	<u> </u>	day of _	uiic		K	CC	20 13 WICHI	
			Witness (if	any)			_	-			For	Company			0 1 2013	
			For Commi	ssion			_	-			Che	cked by		JUL	J . 2013	

	under penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc.
and that the fo	pregoing pressure information and statements contained on this application form are true and best of my knowledge and belief based upon available production summaries and lease records
	nstallation and/or upon type of completion or upon use being made of the gas well herein named.  equest a one-year exemption from open flow testing for the Light 1-9
	e grounds that said well:
(Ch	eck 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
	gree to supply to the best of my ability any and all supporting documents deemed by Commission sary to corroborate this claim for exemption from testing.
Date: <u>06/26/2</u>	013
	Signature Dann Richardson
	Title: 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