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

estas de

					Test Date 07/30/20				A 1-26  RNG (E/W) 34W  Gas Gathering Connection OneOk Energy Service  Packer Set at  Perforations To 4600 5419 (OA)  Perforations To  Pump Unit or Traveling Plunger? Yes / No Pump Unit  % Nitrogen Gas Gravity -  (Meter Run) (F  07/30 20 13 at 7:00  20 at  Duration of Shut-in 24  A Duration of Shut-in 10  Psig Psia Psia Psia Psia Psia Psia Psia Psia				
	Company		e Operating	Inc	Section 26		Lease MLP S	Santala				Well Number	
	County		Loca	tion			TWP 29S				Acres Attributed		
•	Field	hesapeake Operounty askell eld ubank East ompletion Date 1/14/94 asing Size 5 ubing Size 375 pe Completion (Desc led Gas + Oil) oducing Thru (Annulu nnulus ertical Depth(H) 550 ressure Buildup: Shu fell on Line: Sta  Static / Orifice synamic Size roperty (inches) Shut-In Flow  Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> )  Prover		/ INVV	Reservoir Kansas City "B" / C				Gas Gathering Conne				
	Completi	on Dat			Plug Bac	k Total Dept		<del></del>			vice		
	Casing S	Chesapeake Operating, Inc.  County Location Haskell CSW NW  Field Eubank East  Completion Date 11/14/94  Casing Size Weight 5.5 14.0  Tubing Size Weight 2.375 4.7  Type Completion (Describe)  Jed (Gas + Oil)  Producing Thru (Annulus / Tubing)  Annulus  Vertical Depth(H)  5550  Pressure Buildup: Shut in  O7/29  Well on Line: Started  Static / Orifice Opynamic Size (inches) Property (inches)  Shut-In  Flow  Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> )  Pressure Prover Pressure Extension  Pressure Sextension  Pressure Sextension  Pressure Sextension  Pressure Prover Pressure Prover Pressure Prover Pressure Prover Pressure P			5469 Internal D	Diameter	Set at		Perforations				
		ize	<del></del>		5.012 Internal D	Diameter	550 Set a			-		(OA)	
	2.375		4.7		1.995 Type Fluid Production		5429		Pump Unit or Traveling		Plunger? Yes	/ No	
mm	ingled(	Gas + Oil)			Öil/Water				Pump Unit		:		
		· · · · · · · · · · · · · · · · · · ·			% Carbon Dioxide				% Nitrog	en -	Gas G	ravity - G <sub>g</sub>	
		Pepth(F	1)		Pressure Ta			Taps			(Meter	Run) (Prover) Size	
		Buildu	p: Shut in	/29 29	0 13 at 7:00		(AM) (PM) Taken_0		7/30		13 <sub>at</sub> 7:00	(AM) (PM)	
					OBSERVED SURFACE DATA					Duration of Shut			
	Dynamic	Dynamic Size		Meter Differential Prover Pressure in		Well Head Temperature t	Casing Wellhead Pressure $(P_w)$ or $(P_1)$ or $(P_c)$		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration	Liquid Produced (Barrels)	
	Shut-In		poig (r iii	, mones H <sub>2</sub> O			psig 75	psia 89.4			24		
	Flow												
	ſ				1	FLOW STR	EAM ATTR	IBUTES	i				
	Coeffied (F <sub>b</sub> ) (F	eient ,)	Meter or Extension Prover Pressure		Gravity Factor F <sub>g</sub>		Temperature Factor		actor R		(Cubic F	eet/ Fluid	
								<u> </u>					
												$)^2 = 0.207$	
	(P <sub>c</sub> ) <sup>2</sup> - (	•	$ (P_{c})^{2} - (P_{w})^{2} $ $ (P_{c})^{2} - (P_{w})^{2} $ $ (P_{c})^{2} - (P_{w})^{2} $ $ (P_{c})^{2} - (P_{c})^{2} - (P_{c})^{2} $ $ (P_{c})^{2} - (P_{c})^{2} $ $ (P_{c})^{2} - (P_{c})^{2} $		LOG of formula 1. or 2.		Backpressure Curv Slope = "n" or Assigned		e n x l	og		Open Flow Deliverability Equals R x Antilog	
	(P <sub>c</sub> ) <sup>2</sup> - (	- <sub>d</sub> )-		divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	and divide by:	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		lard Slope				(Mcfd)	
						•						<u> </u>	
				M-51 @ 446				]					
	Open Flow Mcfd @ 14								Mcfd @ 14.65 psia  to make the above report and that he has knowledge of				
				on behalf of the said report is true							ort and that he h	as knowledge of, 20 <u>13</u>	
	Witness (if any)			(if any)	KCC WICHITA			•	For Company				
	For Commission				NCC WICHTA			<b>\</b>	Checked by				

**RECEIVED** 

	ler penalty of perjury under the laws of the state of Kansas that I am authorized to requider Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc.	ıest
and that the fore	going pressure information and statements contained on this application form are true at	
of equipment inst	allation and/or upon type of completion or upon use being made of the gas well herein nam est a one-year exemption from open flow testing for the MLP Santala 1-26	
	rounds that said well:	
(Check	cone)	
	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	
I further agre	e to supply to the best of my ability any and all supporting documents deemed by Comm	nission
	y to corroborate this claim for exemption from testing.	
	,	
00/00/004		
Date: 09/09/2013	<u>}</u>	
	Signature: Jam Ziarardoc	
	Title: Dawn Richardson, Associate Regulatory Analyst	

## 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.

SEP 13 2013