KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	ions on Re	verse Side)					
	en Flo	w			Test Date				ADI	No 15				
Deliverabilty						5/19/2011				API No. 15 15-081-21170 -				
Company Chesapeake Operating Inc.					Lease MLP Santala						Well Number 3-26			
County Location Haskell SE NE NW			Section 26			TWP 29S		W)	Acres Attributed					
Field Eubank				Reservoi Lansing	r /Chester			Gas Gathering Con OneOk Field Serv						
Completion Date 11/26/1998				Plug Bac 5595'	k Total Dept	h		Packer Set at						
Casing Size Weight			ht	Internal (Diameter	Set at 5592'		Perforations 4095'		то 5360' (ОА)				
Fubing Size Weight 2 3/8' 4.7#			ht	Internal (Diameter	Set at 5476'		Perforations		То				
Type Completion (Describe) Commingle - Gas				Type Flui Oil & V	d Production Vater	1		Pump Unit or Traveling Yes. Pump Unit.						
Producing Annulus	•	(An	nulus / Tubin	ıg)	% (Carbon Dioxi	de		% Nitrog	en	Gas G	ravity - (3,	
Vertical D		H)				Press	sure Taps				(Meter	Run) (P	rover) Size	
Pressure	Buildu	ıp:	Shut in _5/1	9	20_11_at_7	:00 AM	(AM) (PM)	Taken_5/	20	20	11 at 7:00 A	M	(AM) (PM)	
Well on L	.ine:		Started		_ 20 at		(AM) (PM)	Taken		20	at		(AM) (PM)	
						OBSERVE	D SURFACI	E DATA			Duration of Shut	in _24	Hours	
Static / Dynamic Property	amic Size		Circle one: Meter Prover Press psig (Pm)		al Flowing Temperature	Temperature Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		ubing ad Pressure (P ₁) or (P _a) psla	Duration (Hours)	1 '	Liquid Produced (Barrels)	
Shut-In							250	264.4	psig 5	19.4	24 hrs			
Flow		<u></u>												
				.,		FLOW STR	EAM ATTR	IBUTES			· •			
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia		Press Grav Extension Faci ✓ P _m x h F _s		tor Temperature		Deviation M Factor F _{pv}		Metered Flow GOF R (Cubic F (Mcfd) Barre		Flowing Fluid Gravity G _m	
				<u> </u>										
(P _c) ² =		:	(P _w) ² =	= :	(OPEN FL	OW) (DELIV) CALCUL ² c - 14.4) +		:	(P _a) ² = 0.2	07	
$(P_e)^2 \cdot (P_a)^2$ or $(P_e)^2 \cdot (P_d)^2$		(F	P _e) ² - (P _e) ²	Choose formula 1 1. Pa Pa 2. Pa Pa divided by: Pa	or 2: LOG of formula 1, or 2, and divide	P.2-P.2	Backpressure Curv Slope = "n" 			roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flo	w			Mcfd @	14.65 psia		Deliverab	ility		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Mcfd @ 14.65 ps	ia.		
					· · · · · · · · · · · · · · · · · · ·				! 45		<u></u>			
					rue and correc				o make th day of <u>Ju</u>		ort and that he h		ledge of 20 <u>11</u>	
			Witness	(if any)			-	······································		For	Company	R	ECEIVE	
			For Com:	Trission			_			Che	cked by			
			- UI COUIE	I PUZITAL						Che	ькой пу	Sł	P 06	

exempt status und and that the foregoing correct to the best of equipment instant thereby requi	der Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc. going pressure information and statements contained on this application form are true and thought 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. est a one-year exemption from open flow testing for the MLP Santala #3-26 rounds that said well:
_	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 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.
Date: <u>July 8, 201</u>	Signature: David Wiist, Production Engineer

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

SEP 0 6 2011

KCC WICHITA