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

Type Test			J		(	See Instruct	ions on Re	verse Side	9)				
✓ Open Flow .  Deliverabilty				Test Date 9/17/201		API No. 15 15-129-20808 <b>– 0000</b>							
Company Chesapeake Operating, L.L.C.						Lease Breedi	Lease Breeding			Well Number			
County Morton			Location		Section 24		TWP 31S		RNG (E/W) 41W		Acres Attributed		outed
Field Kinsler					Reservoir Morrow			Gas Gatherin		_	nnection Marketing LP		
Completic 8/8/86		3				k Total Dept	h		Packer S	Set at			
Casing S 5.5	ize	Weight 15.5			Internal Diameter 4.950		Set at 5198		Perforations 5040		To 5056		
Tubing Size 2.975			Weigh 6.5	t	Internal Diameter 2.441		Set at 5084		Perforations		То		
Type Completion (Describe)				r	Type Fluid Production				Pump Ur Pump		Plunger? Yes / No		
Single Gas Producing Thru (#			rulus / Tubing	))		arbon Dioxi	de	% Nitrog		<u> </u>		vity - G <sub>g</sub>	
Annulus Vertical E		)				Press	sure Taps				(Meter R	un) (Prove	r) Size
5200 Pressure	Buildur	): 	Shut in 9/10		0.14 <sub>. at.</sub> 8	:00	(AM) (PM)	Taken 9/	17	20	14 at 8:00	(AM)	(PM)
Well on Line:											at(AM) (P		
	<u>-</u>					OBSERVE	D SURFAC	E DATA			Duration of Shut-in	24	Hours
Static / Orlfice Dynamic Size Property (inches		,	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H <sub>o</sub> 0	Temperature Temperat		1 Malhaad Praceura		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>0</sub> ) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			( ) ( ) ( ) ( ) ( )				5	19.4	0	14.4	24	-	-
Flow													
			Circle one:	_	<del></del>	FLOW STR	EAM ATTR	IBUTES	_			1 -	lowing
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Meter or ver Pressure psia	Press Extension P <sub>m</sub> x h	Grav Fact F	tor T	Temperature Factor F <sub>f1</sub>		riation actor = pv	Metered Flow R (Mcfd)	v GOR (Cubic Fee Barrel)	,	Fluid Sravity G <sub>m</sub>
/D \2 _			(D \2 _		•	OW) (DELIV		) CALCUL ', - 14.4) +			(P <sub>a</sub> )² (P <sub>d</sub> )²	= 0.207	
(P <sub>c</sub> ) <sup>2</sup> =	<u> </u>	<u>- ·                                     </u>		Choose formula 1 or 2		<del></del>		ssure Curve			(r <sub>d</sub> )-	Open F	Slow
(P <sub>o</sub> ) <sup>2</sup> - (I or (P <sub>o</sub> ) <sup>2</sup> - (I		(F	P <sub>a</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. P <sub>0</sub> <sup>2</sup> -P <sub>0</sub> <sup>2</sup> 2. P <sub>0</sub> <sup>2</sup> -P <sub>0</sub> <sup>2</sup> divided by: P <sub>0</sub> <sup>2</sup> -P <sub>0</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide by:	P <sub>0</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	As	oe = "n" - of signed ard Slope	- nx	LOG	Antilog	Delivers Equals R > (Mcf	ability Antilog
				_		"-							
Open Flo				Mcfd @ 14.	65 peia		Deliverab	Stitue			Mcfd @ 14.65 psia	:	
		nnec	1 authority or			tates that h			o make th		rt and that he has		e of
		•	•	id report is true			•			•	Traile that no nee	, 20 _	
	-		Wilness (il	i any)	ĸ	Re ANSAS CORPO	CEIVED PRATION COM	VISSION		For	Sömpany		
	_		For Comm	Ission		MUL	2 9 201	5		Chec	ked by		

	der penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, L.L.C.							
and that the fore	going pressure information and statements contained on this application form are true and							
correct to the bes	t of my knowledge and belief based upon available production summaries and lease records							
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.								
í hereby requ	est a one-year exemption from open flow testing for the Breeding 1-24							
gas well on the gr	rounds that said well:							
(Check	: one)							
· 🖂	is a coalbed methane producer							
一	is cycled on plunger lift due to water							
一	is a source of natural gas for injection into an oil reservoir undergoing ER							
一	is on vacuum at the present time; KCC approval Docket No							
<b>✓</b>	is not capable of producing at a daily rate in excess of 250 mcf/D							
	the state of the s							
_	e to supply to the best of my ability any and all supporting documents deemed by Commission							
staff as necessar	y to corroborate this claim for exemption from testing.							
Date: 5/11/2015	<del></del>							
	Signature: Kutil WMMH							
KA	Received Signature: 40000 (7000) (100							
	JUN 2 9 2015							
	CONSERVATION DIVISION							
	WICHITA, KS							

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.