KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					(See Instru	ctions on Re	everse Side))					
Op	en Flo	N				Test Date	a'			ΔΡΙ	No. 15				
Deliverabilty				06/11/2			API No. 15 075-20701 - 6000								
Company Chesapeake Operating, Inc.						Lease Thuro	Lease Thurow				Well Number 3-11				
County Location Hamilton SW NE NE				Section 11		TWP 2 3S			W)		Acres	Attributed			
Field Bradshaw				Reservoir Winfiel		-	Gas Gathering Connection OneOk Energy Services								
Completion Date 8/19/99				Plug Bac 2599	k Total De	pth	Packer Set at None								
Casing Size 4.5			Weight 10.5			Internal [Internal Diameter 4.052		Set at 2629		rations 2	то 2572		· · · · · · · · · · · · · · · · · · ·	
Tubing Size 2.375			Weight 4.7			Internal Diameter 1.995		Set	Set at 2583		rations	То			
Type Completion (Describe) Single Gas					d Production		Pump Unit or Travelin Pump Unit		g Plunger? Yes / No						
	g Thru	(Anr	nulus / Tubir	ng)			arbon Dio	xide		% Nitrog		Gas (Gravity -	G _g	
Vertical Depth(H) 2630						Pressure Taps Flange						r Run) (F	Prover) Size		
Pressure	Buildu	p: ;	Shut in06	/10	2	0_13 at_7		_ (AM) (PM)	Taken_06	5/12	20	13 at 7:00		(AM) (PM)	
Well on L	.ine:	;	Started		2	0 at	****	_ (AM) (PM)	Taken		20	at		(AM) (PM)	
	-					,	OBSERV	ED SURFAC	E DATA			Duration of Shi	_{ut-in} 24	Hours	
Static / Dynamic Property	mic Size		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperatur t	Wellhead (P _w) or (I	Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		ubing ad Pressure (P _t) or (P _c)	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In					. 2			psig 33	47.4	110	124.4	24			
Flow															
							FLOW ST	REAM ATT	RIBUTES			1			
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia			Press Extension ✓ P _m x h	Grav Fac F _s	Tomporatura		Fa	Deviation Metered Factor R F _{pv} (Mcfe		w GO (Cubic Barr	Feet/	Flowing Fluid Gravity G _m	
						(OPEN FLO	OW) (DELI	VERABILITY	() CALCUL	ATIONS					
(P _c) ² =		_:	(P _w) ²	=	<u> </u>	-			, P _c - 14.4) +		<u></u> :		$(P_a)^2 = 0.2$ $(P_d)^2 =$		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		:	ose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ led by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	formula		Backpressure Curve Slope = "n" or Assigned Standard Slope		.og []	Antilog	De	pen Flow liverability s R x Antilog (Mcfd)	
										-			-		
Open Flor	w				Mcfd @ 14.	65 psia		Deliveral	bility			Mcfd @ 14.65 p	osia		
		anaa	Lauthority			·	states that		· · · · · · · · · · · · · · · · · · ·	a maka th	······································	ort and that he			
												ort and that he		-	
ne facts s	tated th	nerei	n, and that s	said	report is true	e and correc	t. Execute	d this the 2		day of				₂₀ <u>13</u> . WICHI	
			Witness	(if any	/)						For	Company			
			For Com	missio	on						Che	cked by	_JUL	0 1 2013	
													R	ECEIVE[

	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, Inc.
	going pressure information and statements contained on this application form are true and
correct to the bes	st 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.
	lest a one-year exemption from open flow testing for the
gas well on the g	rounds that said well:
(Chec	k 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
I further agre	ee to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessa	ry to corroborate this claim for exemption from testing.
Date: 06/25/201	3
	Signature: Jam Lichardoon
	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. The signed and dated on the front side as though it was a verified report of annual test results.

JUL 0 1 2013