KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type rest	•				,	000 11131120	nons on nev	0130 0100	,				
Open Flow Deliverabilty				Test Date: 6/12/12				API No. 15 075-20701 - 00 - 00					
Company Chesapeake Operating, Inc.					Lease Thurow			/	3-11			Well Number	
County Location Hamilton SW NE NE				Section 11		TWP 23S	TWP RNG (E 23S 41W		W)		Acres A	tributod	
Field Bradshaw				Reservoir Winfiel				Gas Gathering Conr OneOk Energy Se		ection vices		REC	
Completion Date 8/19/99				Plug Bac 2599	k Total Dept	th		Packer Set at None				SEP O	
Casing Si 4.5	Casing Size Weight 4.5 10.5				Internal (4.052	Diameter		Set at Perfo 2629 256		rations 2	то 2572	KC	CIVII
Tubing Size Weight 2.375 4.7					Internal [1.995	Diameter	Set a 2583		Perforations		То	То	
Type Completion (Describe) Single Gas				Type Flui Water	d Production	n		Pump Unit or Travelin		g Plunger? Yes / No			
Producing Thru (Annulus / Tubing) Annulus Vertical Depth(H)				% C	arbon Dioxi Pres	de sure Taps		% Nitrogen		.779	Gas Gravity - G _e .779 (Meter Run) (Prover) S		
2630		<u> </u>				Flan	ge				2.067		
Pressure	Buildu	p:	Shut in <u>6/12</u>	<u>!</u> 2	12 at 7	:00	(AM) (PM)	Taken 6/	13	20	12 _{at} 7:00	(/	M) (PM)
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	_ (/	M) (PM)
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24	Hour
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Pressui psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P ₁) or (P ₄) psig psia		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Ouration (Hours)	Liquid Produced (Barrels)	
Shut-In							36	50.4	18	32.4	24		
Flow													
		· ·				FLOW STR	REAM ATTR	BUTES		, , , , , , , , , , , , , , , , , , ,			
Plate Coefflecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m xh	Grav Fac	tor	Tomorobuse		iation ctor _{BY}	Metered Flor Fl (Mctd)	w GOA (Cubic Fe Barrel)		Flowing Fluid Gravity G _m
			<u></u>										
(P _e) ² =		_;	(P)² =_	<u>. </u>	(OPEN FL	• •	'ERABILITY) % (P	CALCUL - 14.4) +		:	(P _a) (P _d)	² = 0.20	7
$(P_e)^2 - (P_a)^2$ or $(P_e)^2 - (P_d)^2$		(P _a) ² - (P _w) ²		1. P _c ² · P _d ² 2. P _c ² · P _d ² Wided by: P _c ² - P _d	LOG of formuta 1, or 2, and divide	formuta 1. or 2. and divide p2.p2		Backpressure Curve Slope = "n" 0r Assigned Standard Slope		rog	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
													~~~~
Open Flor	w			Mcfd @ 14	.65 psia		Deliverab	ility			Mcfd @ 14.65 psi	a	
			d authority, on								ort and that he ha		
			Witness (if	any)			_		<del></del>	For	Company	<del></del>	
		-	For Commi	esion			_			Che	cked by		

## SEP 0 / 2012

## KCC WICHITA

	MOC ANICHITA
I declare under penalty of perjury under the laws of t exempt status under Rule K.A.R. 82-3-304 on behalf of the	•
and that the foregoing pressure information and stateme	
correct to the best of my knowledge and belief based upor	available production summaries and lease records
of equipment installation and/or upon type of completion or I hereby request a one-year exemption from open flow	
gas well on the grounds that said well:	testing for the
(Check one)	
is a coalbed methane producer	
is cycled on plunger lift due to water	
is a source of natural gas for injection i	nto an oil reservoir undergoing ER
is on vacuum at the present time; KCC	approvał Docket No
is not capable of producing at a daily re	ate in excess of 250 mcf/D
I further agree to supply to the best of my ability any a staff as necessary to corroborate this claim for exemption	and all supporting documents deemed by Commission from testing.
Date: 9/6/12	
	Alecha Devolu
Signature:	0000000

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.