KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				(-	See Instructi	ions on Rev	erse Side)				
Ope	en Flow			Test Date				API N	lo. 15	-000		
Del	liverabilty			5/17/201					20134 -	g		
Company Chesap	eake (Operating, I	nc.			Lease Doerr				2-22	Well Num	nber
County Hamilton			Location C SW NE		Section 22		TWP 21S		<i>'</i>)	Acres Attributed		
Field Bradsha	aw			Reservoir		·			ering Conne aw Gas G		Address Address of the Control of th	
Completion Date 10/26/1976				Plug Back Total Depth 2830		h	Packer None		t at			
Casing Size 4.5		Weigh 10.5	Weight 10.5		Internal Diameter 4.052		Set at 2840		itions	то 2776		
Tubing Size 2.375		Weigh 4.7#	Weight 4.7#		Internal Diameter 1.995		Set at 2790		tions f	То		
Type Com		Describe)	The state of the s	Type Flui	d Production	1		Pump Unit	or Traveling	Plunger? Yes	/ No .	
	g Thru (A	nnulus / Tubin	g)	% C	arbon Dioxi	de		% Nitroge	n	Gas Gi . 760	avity - G	9
Vertical D					Press	sure Taps					Run) (Pro	over) Size
2840					Flan					3		· · · · · · · · · · · · · · · · · · ·
Pressure	Buildup:		7 2							11 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	<u>in</u> 24	Hours
Static / Dynamic Property	Orifice Size (inches	Prover Press		Flowing Temperature t	Well Head Temperature t	Casi Wellhead (P _w) or (P	Pressure () or (P _c)	Tubing Wellhead Pressure Duration Liquid Product (P_w) or (P_1) or (P_c) (Hours) (Barrels)				
Shut-In		psig (Pm)	Inches H ₂ 0			psig 124	138.4	psig 40	54.4	24		
Flow												
	<u> </u>				FLOW STR	EAM ATTR	IBUTES					
Plate Coefficeient (F _b) (F _p) Mcfd		Circle one: Meter or rover Pressure psia Press Extension ✓ P _m x h		Gravity Factor F ₀		Tomporatura		riation actor = pv	Metered Flov R (Mcfd)	w GOR (Cubic Fo Barrel	l l	Flowing Fluid Gravity G _m
(P.) ² =		: (P _w) ² :	= :	•	OW) (DELIV			ATIONS - 14.4 =	:) ² = 0.20)7
(P _c) ² - (I	P _a) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w$	LOG of formula 1, or 2. and divide		Backpre: Slop Ass	ssure Curve be = "n" or signed ard Slope	e n x l ([]	Antilog	Deliv Equals	en Flow verability R x Antilog Mcfd)
									•			
Open Flo			Mcfd @ 14			Deliverab				Mcfd @ 14.65 ps		
	-		on behalf of the said report is tru							ort and that he h		edge of 10 11 .
								-				
		Witness	(if any)								ECE	
		For Com	mission			_			Che	scked by S	EP 0	6 2011

KCC WICHITA

l de	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request								
	status under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc.								
	t the foregoing pressure information and statements contained on this application form are true and								
correct	to the best 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.									
l he	reby request a one-year exemption from open flow testing for the Doerr 2-22								
gas wel	l on the grounds that said well:								
	(Check 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								
l fui	rther agree to supply to the best of my ability any and all supporting documents deemed by Commission								
	necessary to corroborate this claim for exemption from testing.								
Dato: J	uly 8, 2011								
Date	4,7 6, 2011								
	-1200								
	Signature:								
	Title: 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 must be signed and dated on the front side as though it was a verified report of annual test results.

RECEIVED

SEP 06 2011