KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	Type Tes	t:			(See Instruct	tions on Re	everse Side	e)				
	Open Flow Deliverabilty				Test Date 1/21/20		API No. 15 025-21193 —				0000		
	Company Chesapeake Operating, Inc.						Lease Locke	*			1-7	Well Number	
•	County Location Clark W/2 SW SE				Section 7		TWP 35S		RNG (E/	W)	,	Acres Attributed	
	Field McKinney				Reservoir Morrow/Chester				Gas Gathering Conne				
	Completion Date 12/7/1999				Plug Back Total Depth		1		Packer Set at				
•	Casing S 4.5"	ize	Weight 11.6# Weight 4.7		Internal Diameter 4" Internal Diameter 1.995"		Set at 6,300' Set at 6,048'		Perforations 5,984' Perforations		To 6,183' To	•	
	Tubing S 2.375"	ize											
ททเ	Type Completion (Describe)			Type Flui Water	Type Fluid Production Water		***************************************	Pump Unit or Traveling N/A		g Plunger? Yes	/ No		
•	Producing Thru (Annulus / Tubing) Tubing				% Carbon Dioxide				% Nitrogen		Gas Gravity - G _g		
•	Vertical Depth(H) 6,300'				Pressure Taps Flange						(Meter F 2"	Run) (Prover) Size	
	Pressure	Pressure Buildup: Shut in 1/21 20		11 at 7	:00	(AM) (PM)	M) (PM) Taken 1/22		20	11 at 7:00	(AM) (PM)		
•	Well on Line: Started 20 _) at		(AM) (PM)	Taken		20	at		
					OBSERV		D SURFACE DATA				Duration of Shut-i	n 24 Hour	
	Static / Orifice Dynamic Size Property (inches		Prover Pressur	Pressure Differential re in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)	
	Shut-In		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				132	146.4	130	144.4	24	·	
	Flow	Flow											
,						FLOW STREAM ATT			RIBUTES				
	Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or rover Pressure psia	Press Extension ✓ P _m x h	Grav Fac F	ior	emperature Fa		viation Metered Flov actor R F _{pv} (Mcfd)		w GOR (Cubic Fed Barrel)	Flowing Fluid Gravity G _m	
					<u></u>				-				
	$(P_c)^2 = $: $(P_w)^2 = $:				•	(OPEN FLOW) (DELIVERABILITY) CALC $P_d = \underline{\qquad} \qquad (P_c - 14.$			_ATIONS - 14.4 =		$(P_a)^2 = 0.207$ $(P_d)^2 = $		
	(P _c) ² - (or (P _c) ² - (P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ tivided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:	P _c ² - P _w ²	Backpressure Curve Slope = "n" or Assigned Standard Slope		n x l OG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
	Open Flow Mcfd @ 14.65				65 psia	s psia		Deliverability			Mcfd @ 14.65 psi	a	
		-	-	behalf of the					to make th		ort and that he ha	s knowledge of	
		acos more	my wire that sa	roport to truo	301100				,			RECEIV	
			Witness (if	any)						For	Company	SEP 06	
			For Commi	esion					-	Chr	ecked by -	<u> </u>	

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to receive exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc.	
I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to receive exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc.	
and that the foregoing pressure information and statements contained on this application form are true correct to the best of my knowledge and belief based upon available production summaries and lease reconstruction of equipment installation and/or upon type of completion or upon use being made of the gas well herein nationally request a one-year exemption from open flow testing for the Locke 1-7	e and
gas well on the grounds 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	
I further agree to supply to the best of my ability any and all supporting documents deemed by Com	mission
staff as necessary to corroborate this claim for exemption from testing.	
Date: July 8, 2011	
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

KCC WICHITA