KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:					6	See Instr	uct	ions on Re	verse Side)	•					
Op	en Flow					Tool Date					ADI	No. 45					
Deliverability												API No. 15 189-22518 - 🗢 - 🛇					
Company Chesap		Op	erating, Ir	nc.			-		Lease Wing						Well No 2-33	ımber	
County Location Stevens C SW/4 SW/4					Section 33			TWP 32S		RNG (E/W) 36W			Acres Attributed				
Fleid Walkemeyer				Reservoir Morrow						hering Conn Energy Se							
Completion Date 6/30/2006				Plug Back Total Depth 6,480'					Packer S								
Casing Size Weight 17.0 lb/ft				Internal Diameter 4.892"			Set at 6525 '		Perforations 5976' - 6,030'			To 6,462' - 6,470'					
Tubing Size Weight 6.5 lb/ft				Internal Diameter 2.441"			Set at		Perforations			То					
Type Completion (Describe) Single Gas				Type Flui	d Product	tior			Pump Unit or Traveling P Yes - Plunger			Plunger? Yes / No					
Producing Thru (Annulus / Tubing) Tubing					arbon Die	oxio	de			% Nitrogen		Gas Gravity - G					
Vertical D	lepth(H)								sure Taps	-				(Meter	Run) (F	rover) Size	
Pressure	Buildup		Shut in 5/2	26	2	0 12 at 0	Fla 830		` 	Taken 5/	27	20	12	at 0830		(AM) (PM)	
Well on Line:									•					at (AM) (PM)			
							OBSER	۷E	D SURFAC	E DATA			Dura	ation of Shut	_{in 72}	Hours	
Static / Dynamic Proporty	Orlfic Size (inche		Circle one; Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0	erential Flowing Temperature		ud ure	(P _a) or (P ₁) or (P ₂)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Ouration (Hours)		Liquid Produced (Barrels)		
Shut-In			parg (rm)		mones H ₂ O				205	219.4	psig 204	218.4		24	1		
Flow			•			-											
							FLOW S	TR	EAM ATTR	RIBUTES							
Plate Coefficient (F _b) (F _p) Mofd		Circle one: Mater or Prover Pressura psia		Press Extension ✓ P _m x h		Grav Faci F	tor	Flowing Temperature Factor F _{II}		Deviation Factor F ₃ ,		Metered Flow R (Mcfd)		GOR (Cubic Fee Barrel)		Flowing Fluid Gravity G _m	
						(ODEN EL								•			
P _e) ² =		<u>:</u>	(P _w) ² :	=	:	P _d =			ERABILITY	P _c - 14.4) +		<u></u> :		(P _a)) ² = 0.5	207 	
$(P_a)^2 \cdot (P_a)^2$ or $(P_a)^2 \cdot (P_d)^2$		(P _a) ¹ - (P _u) ²		1. P _o ² - P _a ² 2. P _o ² - P _d ² divided by: P _o ² - P _a ²		LOG of formula 1. or 2. and divide by:			Backpressure Curv Slope = "n"or Assigned Standard Slope		n x LOG			Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flo					Mcfd @ 14.	65 nela			Deliveral	hility			Metel	© 14.65 ps	ia.		
					·	•				<u> </u>				•			
			•		ehalf of the report is true				-			ne above repr une	ort an				
								_							F	ECEIVE	
			Witness					_					Compa	ny	J	IN 1 1 20	
			For Com.	mussk	on							Che	cked b	y	KCC	RECEIVEI IN 1 1 20 WICHI	

exempt status under and that the foregot correct to the best o of equipment installa	penalty of perjury under the laws of the state of Kansas that I am authorized to request Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc. In pressure information and statements contained on this application form are true and my knowledge and belief based upon available production summaries and lease records ation and/or upon type of completion or upon use being made of the gas well herein named. In a one-year exemption from open flow testing for the Wing 2-33
gas well on the grou	nds that said well:
 	s a coalbed methane producer s cycled on plunger lift due to water s a source of natural gas for injection into an oil reservoir undergoing ER s on vacuum at the present time; KCC approval Docket No s not capable of producing at a daily rate in excess of 250 mcf/D
_	o supply to the best of my ability any and all supporting documents deemed by Commission ocorroborate this claim for exemption from testing.
Date: June 12, 201	2
	Signature: Aletha Dewbre, Regulatory Specialist

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

JUN 1 1 2012

KCC WICHITA