## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					(	See Instruc	tions on F	leverse	Side	)					
□ Ор	en Flo	w			т.	est Date	٠.				APLI	No. 15				
De	liverab	ilty				/19/20						-10110	-000)			
Company Chesap		e Op	perating,	Inc.				Lease Hayw	vard B				1-35	Well Nu	mber	
County Location Morton C SE NW					Section 35			тwр 31S			RNG (E/W) 40W		Acres Attributed			
Field Kinsler				eservoii <b>//Orrov</b>		Chesar			Gas Gathering Connection peake Energy Marketing							
Completion Date 12/22/60					lug Bac 620	k Total Dep	th	) <b>!</b>			etat <b>©</b>	<b>U</b>				
Casing S 4.5	ize		Weight 10.5			ternal [  .052	Diameter	Set at 5900			Perfor 5408		то 5496			
Tubing Size 2.375			Weight 4.7			1.995	Diameter	Set at <b>5392</b>			Perfor	ations	То			
Type Con Gas	npletio	n (De	escribe)			ype Flui <b>Vater</b>	d Productio	ก			Pump Uni	t or Traveling <b>Jnit</b>	Plunger? Yes	/ No		
	-	(Anr	nulus / Tubir	ıg)		% C	Carbon Diox	ide			% Nitroge	in	Gas Gr	avity - C	à <sub>o</sub>	
Annulus Vertical D		1)					Pres	sure Taps					(Meter	Run) (P	rover) Size	
6050		<u>''</u>									····			11017 (1		
Pressure Buildup:		p:	Shut in 4/19 2			1 at 0	7:00	(AM) (PN	(AM) (PM) Taken 4/2			20	11 at 07:00 (AM)		AM) (PM)	
Well on L	ine:		Started		_ 20	at		(AM) (PN	/i) Taken	l <u></u>		20	at		AM) (PM)	
			1	T			OBSERVE	D SURFA	CE DAT	A	T		Duration of Shut-	in 24	Hours	
Static / Dynamic Property	nic Size		Circle one: Meter Prover Press		al Terr	Temperature Tempe		Casing Wellhead Pre t  Casing Wellhead Pre (P <sub>w</sub> ) or (P <sub>1</sub> ) o				d Pressure	Duration (Hours)	1 '	Liquid Produced (Barrels)	
			psig (Pm)	Inches H	20			psig	psia 49.4		psig psia		0.4	<del>-</del>		
Shut-In Flow								35	49.4	,	0	14.4	24		·	
				<del></del>			FLOW STR	REAM ATT	RIBUTE	S	l	<u> </u>	<u>                                     </u>			
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia			Press Grav Extension Fact  ✓ P <sub>m</sub> xh F <sub>0</sub>		rity tor	Flowing Do		Devi Fa	viation Metered Flo actor R F <sub>pv</sub> (Mcfd)		w GOA (Cubic Fo Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
						DEN EL	OW) (DELIV	/EDARII II	EX) CVI (		ATIONS					
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> )²:		:	P <sub>d</sub> =	• •		(P <sub>c</sub> - 14.			:	(P <sub>e</sub> )	2 = 0.2 2 =	07 	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F	)²- (P <sub>w</sub> )²	1. P <sub>c</sub> <sup>2</sup> · P <sub>d</sub> 2. P <sub>d</sub> <sup>2</sup> · P <sub>d</sub> divided by: P <sub>c</sub> <sup>2</sup>	formula 2. P <sup>2</sup> P <sup>2</sup> 3. p <sup>2</sup> 1, or 2. and divide		P.2-P.2	Backpressure Curve Slope = "n" 			n x 106		Antilog	Open Flow Deliverability Equals R x Antilog (Mc/d)		
								<u> </u>							· · · · · ·	
Open Flo	w			Mcfd @	14.65 բ	osia		Deliver	ability		<u> </u>		Mcfd @ 14.65 ps	ia		
		-		on behalf of t							o make the	•	ort and that he ha		ledge of 20 11 .	
													F			
			Witness	(if any)								For (	Company		IVED	
			For Com	mission		,						Che	cked by S	± <b>₽</b> -0	<del>6 2</del> 011	
													KC(	C WI	6 2011 CHITA	

exempt status und and that the foreg correct to the bes of equipment insta I hereby requi	er 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 tof 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. est a one-year exemption from open flow testing for the Hayward B 1-35 rounds 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 e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
Date: July 8, 201	

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.

SEP 0 6 2011

KCC WICHITA