KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

Type Tes	t:			•	(See Instruct	uons on He	everse Side))					
Open Flow Deliverability					Test Date: 8/22/2014				API No. 15 15-075-20528 - 0000				
Company Chesapeake Operating, L.L.C.					Lease Strate						Well Number		
County Location Hamilton 4030 FSL & 4030 FEL			Section 14		TWP 22S	•		E/W)		Acres Attributed			
Field Bradshaw			Reservoi Chase	r			Gas Gathering Connect OneOk Energy Service			KCO			
Completion Date 5/7/94			Plug Bad 2750	k Total Dept	th	Packer S None				JUA	WIC		
Casing Size Weight 4.5			Internal I	Diameter	Set at 2780		Perforations 2724		то 27 34	KCC WIC JUN 05 20, RECEIVED			
Tubing Size Weight 2.375 4.7			Internal I 1.995	Diameter		Set at Perf 2764		orations	То	(EIVED		
Type Completion (Describe) Single Gas				Type Flui Water	id Production	n		Pump Unit or Trave Pump Unit					
Producing Thru (Annulus / Tubing) Annulus Vertical Depth(H)				% (% Carbon Dioxide Pressure Taps			(Gas Gravity - G _g .774 (Meter Run) (Prover) Size		
,2780 8/21 8/21				14 . 8	Flange 0 14 at 8:00 (AM) (PM) Taken (AM)			22		2.067 14 8:00			
Pressure Buildup: Shut in			20 at		·								
1	 -				OBSERVE	D SURFAC	E DATA			Duration of Shut-	in 24	Hours	
Static / Dynamic Property	Orific Size (inche	Prover Pre	Differential	Flowing Temperature t	Well Head Temperature	Casing Wellhead Pressure (P_w) or (P_1) or (P_c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig psia		Duration (Hours)	Liquid	Produced arrels)	
Shut-In						25	39.4	57	71.4	24			
Flow					<u></u>	<u> </u>					<u> </u>		
				· ,	FLOW STR	EAM ATTE	RIBUTES		r 				
Plate Coeffictient (F _b) (F _p) Mcfd		Circle ane: Meter or Prover Pressure psia	Press Extension	Extension Fact		or Temperature		iation ictor pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
			<u> </u>	(0.75)	614D / DEL DI				<u> </u>				
(P _c) ² =		.: (P _w)	²=:	OPEN FL	OW) (DELIV		P _e - 14.4) +		:	(P _a) (P _d)	² = 0.20 ² =	7	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²	Choose formula 1 or. 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _d	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Backpressure Curv Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Deliv Equals I	en Flow verability R x Antilog Mofd)	
			<u> </u>								<u> </u>		
Open Flo			Mcfd @ 14	<u>-</u>	that h	Deliverat		1		Mcfd @ 14.65 psi			
	•		said report is tru			•		_		rt and that he ha		J	
		Witnes	s (if any)		<u> </u>				Far C	ompany			
		For Co	mmission			-			Chec	ked by			

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, L.L.C. and that the foregoing pressure information and statements contained on this application form are correct to the best of my knowledge and belief based upon available production summaries and least of equipment installation and/or upon type of completion or upon use being made of the gas well here. I hereby request a one-year exemption from open flow testing for the Strate 2-14 gas well on the grounds that said well: (Check one)	e true and se records								
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	ECEIVED								
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing. Date: _5/12/2015									
Signature: <u>Katuuuni</u> t Title: <u>Katie Wright, Regulatory Analyst</u>									

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.