Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:			6	See Instruc	tions on Re	verse Side	P				
Open Flow			Test Data				A D1 I	do 45			
Deliverabilty	•		Test Date 6/24/201					No. 15 29-20665 -	-0000		
Company Chesapeake Op	erating, L.L.C.			<u></u>	Lease Haywa	ırd			2-20	Well Number	
County Morton	Location 660 FSL 8	& 660 FWL	Section 20		TWP 31S		RNG (EA	V)	· · · · · ·	Acres Attributed	
Field Kinsler			Reservoir Morrov					ering Conn dstream Ma	ection arketing LP		
Completion Date 6/28/83	" "		Plug Baci 5709	k Total Dep	oth		Packer S	et at	•		
Casing Size 5.5	Weight 14.0		Internal E 5.012	Diameter	Set a 575		Perfor		то 5028		
Tubing Size 2.875	ibing Size Weight		Internal E 2,441	Diameter	Set at 5100		Perforations		То		
Type Completion (Single - Gas				d Productio		<u>-</u>	Pump Uni		Plunger? Yes	/ No	
Producing Thru (A	nnulus / Tubing)		% Carbon Dioxide				% Nitroge		Gas Gr	Gas Gravity - G _g	
Annulus Vertical Depth(H) 5750				Pres	ssure Taps			_	(Meter I	Run) (Prover) Size	
Pressure Buildup:	Shut in <u>6/23</u>	50	15 at 8:	:00	. (AM) (PM)	Taken_6/	24	20	15 _{at} 8:00	(AM) (PM)	
Well on Line:	Started	20	at		(AM) (PM)	Taken		20	at	(AM) (PM)	
				OBSERVE	ED SURFAC	E DATA			Duration of Shut-	in 24 Hours	
Static / Orlfice Dynamic Size Property (inches)	Meler Prover Pressure	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Wellhead (P _w) or (F	sing Pressure (1) or (P _c)	Wellhea (P _w) or	blng d Pressure (P,) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	poig (i iii)	monos ri ₂ o		_	psig 3	17.4	0 psig	14.4	24		
Flow											
				FLOW ST	REAM ATTR	IBUTE\$					
Plate Coefficcient (F _b) (F _p) Mofd	Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m x h	Grav Faci F	•	Flowing Temperature Factor F _{it}	Fa	lation ctor	Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)	I Gravity	
_ _								_			
			•	• •	VERABILITY	•		-		² = 0.207	
(P _c) ² =		oose formula 1 or 2:	P _d =			P _c - 14.4)-+		= <u>:</u>	(P _d)	² =	
(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²	(P _e) ² - (P _w) ²	1. P _c ² -P _c ² 2. P _c ² -P _c ² ided by: P _c ² -P _c ²	LOG of formula 1. or 2. and divide by:	P _c ² -P _w ²	Slo As	essure Curve pe = "n" - or esigned lard Sloppe	l n v i	og []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow		Mcfd @ 14.6	S5 psia:		Deliverat	oility			Mcfd @ 14.65 ps	ia	
			-								
the facts stated the					-			•	ort and that he ha	, ₂₀ _15	
					Received					<u>. </u>	
	Witness (if a	<u> </u>			EC 022				Сотрану		
	For Commiss	sion			ERVATION DI	/ISIOM		Che	cked by		

	leclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request of status under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, L.L.C.
and th	at the foregoing pressure information and statements contained on this application form are true and to the best of my knowledge and belief based upon available production summaries and lease records
•	ipment installation and/or upon type of completion or upon use being made of the gas well herein named. ereby request a one-year exemption from open flow testing for the <u>Hayward 2-20</u>
gas we	ell 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
	urther agree to supply to the best of my ability any and all supporting documents deemed by Commiss s necessary to corroborate this claim for exemption from testing.
Date: _	11/3/2015
	Signature: Sara Everett

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.