KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruc	tions on Re	verse Side)					
_	en Flo				Test Date) ;			API	No. 15	•			
De	liverab	ilty	 		10/21/20	011			07	5-20539 -	<u> </u>			
Company Chesapeake Operating, Inc.						_{Lease} Cheatum					2-14 v	Well Number 2-14		
County Location Hamilton NW NE SE				Section 14		TWP 22S				Acres Attributed				
					Reservoir Winfield			Gas Gathering Connection OneOk Energy Services						
•				Plug Bac 2647	Plug Back Total Depth 2647			Packer \$	Set at					
Casing Si			Weigh 10.5	Internal Diameter 4.052		Set at 2657		Perforations 2590		To 2604				
Tubing Si	Tubing Size			nt	Internal Diameter		Set at		Perforations		То			
<u> </u>					1.995 2643 Type Fluid Production				nit or Traveling	Plunger? Ven	/ No			
Type Completion (Describe) Single Gas				Water				Pump						
Producing Thru (Annulus / Tubing) Annulus					% C	% Carbon Dioxide			% Nitrogen		Gas Gra	Gas Gravity - G		
Vertical D	epth(F	1)				Pres	sure Taps				(Meter F	lun) (Prover) Size		
Pressure	Buildu	p: :	Shut in 10/	21 2	0_11_at_7	:30	(AM) (PM)	Taken_10)/22	20	11 at 7:30	(AM) (PM)		
Well on L	ine:										at			
			<u>.</u>			OBSERVE	D SURFAC	E DATA		. <u></u>	Duration of Shut-i	n_24Hours		
Static / Dynamic Property	namic Size		Circle one: Meter Prover Press. psig (Pm)	Pressure Oifferential in Inches H ₂ 0	Flowing Well Head Temperature Temperature		(P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)		
Shul-In			paig (Fill)	Inches H ₂ O			43	57.4	psig 56	70.4	24			
Flow														
				1		FLOW STR	REAM ATTE	RIBUTES		r	- 1			
Plate Coeffiec (F _b) (F Mcfd	ient ,)	Pro	Circle one: Meter or ver Pressure psia	Press Extension	Grav Fact	tor	Flowing Temperature Factor F _{II}	Fa	iation ctor :	Metered Flow Fl (Mcfd)	GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _m		
L														
(P _e) ² =			(P_)² =		(OPEN FL	OW) (DELIV		/) CALCUL P _a - 14.4) +			(P _a) ² (P _a) ²	= 0.207		
	(r _e) =			Choose formula 1 or 2:	formula 1 or 2:		% (P _e			 	, , , , , , , , , , , , , , , , , , ,	Open Flow		
$(P_a)^2 - (P_a)^2$ or $(P_o)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		 P₀² - P₂² P₂² - P₃² dMided by: P₂² - P₃² 	LOG of formula 1. or 2. and divide by:	P ₀ ² - P _w ²	Slope = "n"		n x LOG		Antilog	Deliverability Equals R x Antilog (Mcfd)		
				-										
Open Flow Mcfd @ 14.65 p				65 psia	psia Deliverability			Mcfd @ 14.65 psia						
		•	•							ne above repo	rt and that he ha	•		
the facts s	tated t	nerei	n, and that s	aid report is true	and correc	t. Executed	I this the _8		day ð(\\	A		RECEIVED		
			Witness	if any)				\	<u>, m</u>	ForC	ompany			
			For Comr	nission						Chec	ked by	VOV 1.4 2011		

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request t status under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc
	at the foregoing pressure information and statements contained on this application form are true and
correc	to the best of my knowledge and belief based upon available production summaries and lease records
•	pment installation and/or upon type of completion or upon use being made of the gas well herein named.
۱h	ereby request a one-year exemption from open flow testing for the Cheatum 2-14
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
l fi	urther agree to supply to the best of my ability any and all supporting documents deemed by Commissi
	s necessary to corroborate this claim for exemption from testing.
	,
Date:	11/8/2011
Juio	
	t was ()
	Signature:
	Title: Erin Carson, Regulatory Compliance Analyst

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