KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

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Type Test	t:					. ((See Insti	ruci	tions on Re	everse Sia	le)						
Open Flow					Test Date	Test Date:						lo. 15					
Deliverabilty						9/24/2010					075-20243 - 000						
Company Chesar		e O _l	perating,	Inc	•				Lease Cheat	um					3-11	Well N	ımber
County Location Hamilton E/2 NE SW					Section 11				TWP 22S			/)	Acres Attributed				
					Reservoi Chase	Reservoir Chase				Gas Gathering Connection OneOK Energy Services							
Completion Date 6/9/78					Plug Bac 2730	k Total D	h	Packer Set at None			t at						
Casing Size Weight 4.5					Internal [Internal Diameter			Set at 2772			itions	то 272 0				
Tubing Size Weight 2.375 4.7					Internal [1.995	Internal Diameter 1.995			Set at 2655			itions	То				
Type Con		n (De	escribe)			Type Flui Water	Type Fluid Production				Pump Unit or Traveling Plunger? Yes / No Pump Unit						
Producing Thru (Annulus / Tubing) Annulus						% Carbon Dioxide				% Nitrogen				Gas Gravity - G _g			
Vertical D	_	1)					Pi	ress	sure Taps							Run) (F	rover) Size
Pressure Buildup: Shut in 9/24 20_				0_10_at_7	10 at 7:00 (A			AM) (PM) Taken 9/2							(AM) (PM)		
Well on L	ine:	,	Started		2	0 at			(AM) (PM)	Taken			20		at		(AM) (PM)
							OBSER	VE	D SURFAC	E DATA				Dura	tion of Shut-	in 24	Hours
Static / Dynamic Property	1		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0	Flowing Well Heat Temperature t			I Mathaad Proceura		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		P ₁) or (P _c)	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In								•	43	57.4	50		64.4	24			
Flow																<u>.</u>	
							FLOW S	TR	EAM ATTR	RIBUTES							
Plate Coeffieci (F _b) (F Mcfd	ient ,)	Circle one: Meter or Prover Pressure psia			Press Gra Extension Fac ✓ P _m x h F		tor To		Flowing emperature Factor F ₍₁	re Deviat Fact F _p ,		etor R		v GOR (Cubic Fe Barrel)			Flowing Fluid Gravity G _m
											_						
(P _c) ² =		;	(P _w) ² :	=	:	(OPEN FLO	OW) (DEL	IVI. %		') CALCUI 14.4) +			:		(P _a)	² = 0.2	07
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Cho	ose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ 3. $P_c^2 - P_d^2$ 4. $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	LOG of formula 1. or 2. and divide p 2 p 2		Backpressure Curv Slope = "n" Assigned Standard Slope			n x LO	og [Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
					V												
Open Flow Mcfd @ 14.65 psia							Deliverability						Mcfd @ 14.65 psia				
The u	ındersi	gned	authority, o	on b	ehalf of the	Company, s	tates that	t he	e is duly au	uthorized t	to m	nake the	above repor	t and	that he ha	s know	ledge of
he facts st	ated th	nereir	n, and that s	aid i	report is true	and correct	t. Execut	ed '	this the 1	5th	day	of Nov	vember		·····		20 10
· · · · · · · · · · · · · · · · · · ·			Witness	(if any	·)				-			····	For C	ompany	,,		324 0
······································									_							F	RECEIVE
			For Com	missio	n				_				Check	ed by		n	EC 08.

	lare under penalty of perjury under the laws of the state of Kansas that I am authorized to request tatus under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc.
and that	the foregoing pressure information and statements contained on this application form are true and the best of my knowledge and belief based upon available production summaries and lease records
	nent installation and/or upon type of completion or upon use being made of the gas well herein named. eby request a one-year exemption from open flow testing for the Cheatum 3-11
gas well o	on the grounds 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 her agree to supply to the best of my ability any and all supporting documents deemed by Commission ecessary to corroborate this claim for exemption from testing.
Date: <u>No</u>	vember 15
	Signature:

Instructions:

8

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.

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