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KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test			-		(See Instruc	tions on Re	verse Side))				
= '	en Flo liverat				Test Date 11/12/2					No. 15 189-20458 -	-0000		
Company Chesapeake Operating,			rating, L.L.C	L.C.			Lease Cunningham Unit			- Well Number 2- 25			
County Stevens			Location C SW		Section 25				RNG (E/W) 37W		Acres Attributed		buted
Field N. Hanke					Reservoir Morrow					thering Conn Field Servic	ng Connection Id Services		
Completion Date 08/15/1979				Plug Back Total 6,407'			epth Pack Nor			Set at			
Casing Size 5.5			Weight 15.50		Internal Diameter 4.950		Set at 6,439'		Perforations 6,318'		то 6,388'		
Tubing Size 2.375			Weigh 4.70	t	Internal Diamete 1.995		Set at 6,357'		Perforations		То		
Type Cor Gas	npletio	n (D	escribe)		Type Flui	d Production	n		Pump U Pump		Plunger? Yes	/ No	
Producing Thru (Ar Annulus			nulus / Tubing])	% Carbon Dioxid		de			jen	Gas Gravity - G _g		
Vertical D	Depth(l	1)				Pres	sure Tap s			_	(Meter F	lun) (Prov	er) Size
Pressure	Buildu	ıp:	Shut in _11/	112	0_14_at_8	:00	(AM) (PM)	Taken_11	1/12	20	14 at 8:00	(AM	(PM)
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM	l) (PM)
						OBSERVE	D SURFACE	E DATA			Duration of Shut-i	n	Hours
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Oifferential in Inches H ₂ 0	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration Liquid Pr (Hours) (Barr		
Shut-In				1			42	56.4	μοισ	pata			
Flow						FI 011 0 FI							
Plate			Circle one:	Press	Τ_		Flowing						Flowing
Coeffictient (F _b) (F _p) Mcfd		Pro	<i>Meler</i> or over Pressure psia	Extension P _m x h	Gravity Factor F _g		Temperature Factor		viation Metered Flov actor R F _{pv.} (Mcfd)		w GOR (Cubic Feet/ Barrel)		Fluid Gravity G _m
					•	OW) (DELIV	•	•'				= 0.207	
(P _c) ² =		<u>=:</u>		Chaose formula 1 or 2	P _d =			° - 14.4) +	14.4 =	 :	(P _d) ²	<u> </u>	
(P _c) ² - (I or (P _c) ² - (I	•	(F	P _c) ² - (P _w) ²	 P_o² - P_a² P_o² - P_d² divided by: P_o² - P_a² 	LOG of formula 1. or 2. and divide	P ₀ ² -P _w ²	Slop Ass	ssure Curve pe = "n" - or signed ard Slope	n x	rog	Antilog	Open Deliver Equals R : (Mc	ability x Antilog
	-												

Open Flor				Mcfd @ 14.	•		Deliverab			-	Mcfd @ 14.65 psia	_	
		-	•	i behalt of the lid report is true			•			•	rt and that he has	knowledg	•
							Receive CORPORATION	ed .					
			Witness (in	any)			JUN 29			For C	ompany		
			For Comm	ssion		,	JUN L J			Chec	ked by		

exempt status und and that the foreg correct to the bes of equipment insta	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, L.L.C. 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 Cunningham Unit 2-4
	rounds that said well:
(Check	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
stall as necessar	y to corroborate this claim for exemption from testing.
Date: 3/18/2015	
	Received KANSAS CORPORATION COMMISSION Title: Katie A. Wright, Regulatory Analyst SUN 29 2015 Katie A. Wright, Regulatory 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.