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

Оре														
Del	en Flov iverab				Test Date 9/7/2012					No. 15 9-21621 – (1000			
Company Chesap		Op	erating, In	 с.	3///2012		Lease Aldern	nan			3-11	Well Nu	mber	
County Location				Section		TWP 33S		RNG (E/W)		···	Acres A	Attributed		
Stevens C SW NV			NVV	11 Reservoir				35W Gas Gathering Co		ection		REC		
Northwoods SE				Morrow		MA SHIP SHOWN A		OneOk Energy S		rvices		REC NOV 1 CC WIC		
Completion Date 8/19/96				Plug Back 6050'	h		Packer Set at			lea				
Casing Size 5-1/2			Weight		Internal C	Diameter	ameter Set at 6300		Perforations 5942		To	то Л 5962		
Tubing Size			15.5 Weight		4.950 Internal Dia				Perforations					
2-3/8			4.7		1.995		6003		Down Hall Care D. D.		D) 0 V-	- 1 N1-		
Type Com Gas	pletion	n (D∈	scribe)		Type Flui	Type Fluid Production			Pump Unit or Traveling Plunger? Yes Pump Unit			5 / NO		
-		(Ann	ulus / Tubing)	I	% C	% Carbon Dioxide			% Nitrogen			Gas Gravity - G		
Annulus Vertical De		1)				Press	sure Taps				.642 (Mete		rover) Size	
6300							· .							
Pressure I	Buildu	p: \$	Shut in 9/7	20	12 at 0	7:00	(AM) (PM)	Taken_9/	8	20	12 at 07:00)	(AM) (PM)	
Well on Li	ine:) at		(AM) (PM)	Taken		20	at		(AM) (PM)	
						0000000	D CUREAG	F DATA			n v 10	. 24		
Static / Orific		e Prover Pressure		Pressure	Flowing			D SURFACE DATA Casing		Tubing		11-111	n Hours	
				Differential e in	Temperature t		wellhead Pressure		Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
	Property (inche		psig (Pm)	Inches H ₂ 0			psig p		psig	psia	0.4			
Shut-In							20	34.4	0	14,4	24			
Flow														
			Civila ana			FLOW STR		IBUTES		1			Claudes	
Plate Coeffiecient		Circle one: Meter or		Press Extension	uit uit		Flowing emperature	nperature Fac		Metered Flo	w GOI (Cubic		Flowing	
(F _b) (F _r Mofd		Pro	ver Pressure psia	✓ P _m xh	F,	,	Factor F _{II}	F _{pv}		(Mcfd)	Barre	el)	Gravity G _m	
					(OPEN FL	OW) (DELIV	ERABILITY) CALCUL	ATIONS			$_{a})^{2} = 0.2$	207	
(P _c) ² =		;	(P _w) ² =_		P _d =		% (P _c - 14.4) +	14.4 =	:		a) = 0.2		
(P _e) ² - (F	D)2	(F	P _c) ² ~ (P _w) ²	hoose formula 1 or 2:	LOG of			essure Curve					pen Flow	
or (P _c) ² - (F		,	c/ (w)	2. P _c ² · P _d ²	formula 1. or 2.			- or ssigned	n x	LOG	Antilog	1	liverability s R x Antilog	
(/ _c / - (/	۵)		d	ivided by: Pc2 - Pw2	and divide by:	P _c ² -P _w ²		dard Slope		LJ			(Mcfd)	
	Ļ						.]			·				
Open Flow Mcfd @ 14.65 psia						Deliverability			Mcfd @ 14.65 psia					
The i	unders	igned	authority, on	behalf of the	Company,	states that h	e is duly a	uthorized t	to make t	he above repo	ort and that he	has knov	vledge of	
he facts st	tated t	herei	n, and that sai	id report is true	and correc	t. Executed	this the _1	5	day of 1	November	end		20 12 .	
									///	has	Devo	10-		
			Witness (if	any)				_~~	WU	For	Company	سعب		

KCC WICHITA

	re under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt sta	tus under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc
nd that th	e foregoing pressure information and statements contained on this application form are true and
orrect to t	he best of my knowledge and belief based upon available production summaries and lease records
	ent installation and/or upon type of completion or upon use being made of the gas well herein named.
I hereb	by request a one-year exemption from open flow testing for the Alderman 3-11
as well or	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
	er agree to supply to the best of my ability any and all supporting documents deemed by Commissio cessary to corroborate this claim for exemption from testing.
Date: <u>11/1</u>	5/2012
	Signature: Mutha Devotre
	Title: Aletha Dewbre, Regulatory Specialist

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.