## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(	See Instruct	ions on Re	verse Side	)				
Open Flow					Tost Date	Test Date: API No. 15							
De	liverab	ilty			8//22/12				189	9-20534 <b>~</b> (	00-00		
Company		e Op	perating, Ir	ıc.		***	Lease Muelle	r			1-15	Vell Number	
County Stevens			Location C NW	on	Section 15		TWP 33S	· · ·			Acres Attributed		
Field Walkemeyer				Reservoir Mississippian				Gas Gathering Conn OneOk Energy Ser				REC	
Completion 11/20/8		е			Plug Bac 6190	k Total Dept	h		Packer S	et at A		SEP n	
Casing Size 5.5			Weigh		Internal Diameter 4.950		Set at 6250		Perforations 6035		то 6122	SEP 0	
Tubing Size 2.375			· Weigh		Internal Diameter 1.995			6033		rations	То	- "V//(	
Type Con Single(	Gas <b>)</b>	-			Type Flui	d Production Vater	1			nit or Traveling ing Plunge		No No	
Producing Annulus	-	(Anı	nulus / Tubing	)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gra	vity - G <sub>g</sub>	
Vertical D	Pepth(H	<del>(</del> )				Pres	sure Taps			<u></u> .,	(Meter R	un) (Prover) Size	
Pressure	Buildu	p:	Shut in8/22	2 2	0_12_at_0	7:00	(AM) (PM)	Taken_8/	23	20	12 at 07:00	(AM) (PM)	
Well on L	.ine:		Started	2	0 at		(AM) (PM)	Taken	**************************************	20	at	(AM) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut-in	24 Hours	
Static / Dynamic Property	Orifi Siz (inch	е	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	Cas Wellhead (P <sub>w</sub> ) or (F		Wellhe	Fubing ad Pressure  P(Pt) or (Pc)  psia	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		·		2			168	182.4	168	182.4	24 .		
Flow													
				WAR-1	· ·	FLOW STR	EAM ATTR	IBUTES	· · · · · · · · · · · · · · · · · · ·				
Plate Coeffiec (F <sub>b</sub> ) (F Mcfd	ient <sub>p</sub> )	Pro	Circle one: Meter or over Pressure psia	Press Extension P <sub>m</sub> xh	Grav Fac F <sub>s</sub>	tor 1	Flowing Femperature Factor F <sub>11</sub>	Fa	ation ctor : pv	Metered Flov R (Mcfd)	W GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G <sub>m</sub>	
			,		(0.05)	010 (0.51.11)							
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FLO	OW) (DELIV		) CALCUL <sup>2</sup> 14.4) +		:	(P <sub>a</sub> ) <sup>2</sup> (P <sub>d</sub> ) <sup>2</sup>	= 0.207	
(P <sub>c</sub> ) <sup>2</sup> - (I	P <sub>a</sub> ) <sup>2</sup>		P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Slo	essure Curve pe = "n" - or signed lard Slope	n x	roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
								······					
Open Flo	w			Mcfd @ 14.	65 psia		Deliverat	oility			Mcfd @ 14.65 psia	 1	
		-	•	behalf of the			•			,	ort and that he has	knowledge of , 20 12 .	
			Witness (il	any)			-			For (	Company		
			For Comm	ssion			-			Che	cked by		

## SEP 07 2012

KCC WICHITA
I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status 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
correct to the best of my knowledge and belief based upon available production summaries and lease records
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby request a one-year exemption from open flow testing for the Mueller 1-15
gas well 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
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessary to corroborate this claim for exemption from testing.
Date: 9/6/12
4
Signature: Mathin Devolve
Title: Aletha Dewbre, Regulatory Specialist I
Title:

## 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.