K. W.

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:	•		J J	IADILIZ (truct	ions on Re		9)					
Open Flow Test Date:						e:					No. 15				
		ty		<u> </u>	09/07/2	013				18	9-20534 -	3004	144-II N		
Company Chesapeake Operating, Inc.								Lease Muelle	er			1-15	Well N	umber	
County Location Stevens C NW				Section 15			TWP 33S		RNG (E/W) 36W			Acres	Attributed		
Field Walkemeyer					Reservoi Missis		1	Gas Gathering Co OneOk Energy S		•					
Completic 11/20/8		1				Plug Back Total Depth 6190				Packer	Set at				
Casing Si 5.5	ze		Weight 15.5			Internal Diameter 4.950			Set at 6250		Perforations 6035		то 6122		
Tubing Si: 2.375	ze		Weight .7		Internal I 1.995	Diameter		Set at 6033		Perforations		То			
Type Completion (Describe) Single Gas				·	Type Fluid Production				Pump Unit or Traveling Plunger? Yes Traveling Plunger				/ No		
Producing Thru (Annulus / Tubing) Annulus					% (% Carbon Dioxide				% Nitrog		Gas Gravity - G			
Vertical D						F	res	sure Taps				(Meter	Run) (I	Prover) Size	
			2	20 13 at 07:00 (A				(AM) (PM) Taken 9/7			13 at 07:00		(AM) (PM)		
Well on Li	ine:	Started		2	0 at		_	(AM) (PM)	Taken		20	at		(AM) (PM)	
						OBSER	RVE	D SURFAC	E DATA			Duration of Shu	t-in_24	Hours	
Static / Dynamic Property	Orifice Size (inches	e M. Prover	e one: eter Pressure (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well He Tempera t		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In		1	,					171	psia 185.4	psig 173	187.4	24	-		
Flow					·										
		Circle one	1		<u> </u>	FLOW	STR	EAM ATTR	IBUTES				<u> </u>	Ţ <u>-</u>	
Plate Coefficeient (F _b) (F _p) Mcfd		Meler or Prover Pressure psia		Press Extension ✓ P _m x h	Grav Fac F	tor	T	Flowing emperature Factor F _{ft}	Fa	iation ctor pv	Metered Flor R (Mcfd)	W GOR (Cubic F Barrel	eet/	Flowing Fluid Gravity G _m	
				·	(OPEN FL	OW) (DE		ED A DILLET		4710110					
(P _c) ² =		.: (1	o)2 =	:	•) CALCUL ⁻ c - 14.4) +		:		$)^2 = 0.5$ $)^2 =$	207	
(P _c) ² - (P or (P _c) ² - (P	·	(P _c) ² - (P _w) ²		1. $P_c^2 \cdot P_a^2$ 2. $P_c^2 \cdot P_d^2$ 2. $P_c^2 \cdot P_d^2$ 1. $P_c^2 \cdot P_d^2$ 1. $P_c^2 \cdot P_c^2$	LOG of formula 1. or 2. and divide	P _c ² -P _w ²		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x l OG		Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
										_	·				
Open Flow	<u> </u>	Mcfd @ 14.6			65 nsia	5 psia			Deliverability		1		cfd @ 14.65 psia		
		ned author	ity on !			tatee the	at he		i	n maka +	ne ahove ross	ort and that he h		uladas st	
				report is true								ni anu mai ne n		20 <u>13</u> .	
			•				_					77 X 3.75~	/c r no !	RECEIVED PORATION CO	
		W	tness (if a	ny)							For (Company KANS/			
	· <u>···</u>	Fo	r Commiss	ion			_	-			Che	cked by	OC	7232	

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 Commissio
staff as necessary to corroborate this claim for exemption from testing.
Dec. 10/17/2013
Date: 10/17/2013
Signatura Victoria da Cara
Signature Signature Associate Boundation Associate
Title: Dawn Richardson, Associate 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 correction commission signed and dated on the front side as though it was a verified report of annual test results.

OCT 2 3 2013