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

Type Test	t:				(	(See Instru	ctions on Re	everse Side	∌)				
= :	en Flo				Test Date	ə:			API	No. 15			
∐ De	liverab	ilty		_	7/20/20					189-20534 <i>-</i>	-0000		
Company Chesape		)per	ating, L.L.C				Lease Muelle	er			1-15	Well N	umber
County Stevens	s		Location 3960 FS	on _ & 3960 FEL	Section 15		TWP 33S		RNG (E.	w)		_	Attributed
Field Walken	neye	•			Reservoi Mississ	r sippian				hering Conn Energy Ser		-KC	C MICH
Completion 11/20/8		6			Plug Bac 6190	k Total De	oth		Packer 8	Set at		JUN	0.5 2015
Casing S 5.5	ize		Weigh 15.5	1	Internal D 4.950	Diameter	Set 625		Perfo 603	rations 5	то 6122	RE	CEIVED
Tubing Si 2.375	Zθ		Weigh 4.7	<u>-</u>	Internal I 1.995	Diameter	Set 603		Perfo	rations	То		
Type Con Single (		1 (De	escribe)		Type Flui	d Production	on			nit or Traveling ing Plunge	Plunger? Ye:	s / No	
-		(Anı	nulus / Tubing	)	% C	Carbon Diox	kide		% Nitrog	en	Gas (	aravity -	G <sub>g</sub>
Annulus	<u> </u>							_				- \	
Vertical D 6250	epth(H	i) 					ssure Taps						Prover) Size
Pressure	Buildu										14 at 8:00		
Well on L	ine:	;	Started	2	0 at		_ (AM) (PM)	Taken		20	at		(AM) (PM)
						OBSERV	ED SURFAC	E DATA			Duration of Shu	ıt-in _24	Hours
Static / Dynamic Property	Orifi Size (inche	8	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential re in Inches H <sub>2</sub> 0	Flowing Temperature 1	Well Head Temperature t	e Wellhead	sing I Pressure P <sub>r</sub> ) or (P <sub>c</sub> )	Wellhe	Fubling ad Pressure $r(P_r)$ or $(P_c)$	Duration (Hours)		id Produced (Barrels)
Shut-In			P. B. ( 111)				95ig 31	45.4	psig 4	20.4	24		
Flow				<u> </u>						<u> </u>	<del></del>	<u> </u>	
				<u>:</u>		FLOW ST	REAM ATT	RIBUTES					
Plate Coeffiect (F <sub>b</sub> ) (F Mcfd	ient ,)		Circle one: Meter or ver Pressure psia	Press Extension P <sub>m</sub> x h	Grav Fac F <sub>s</sub>	tor	Flowing Temperature Factor	Fe	lation actor = pv	Metered Flov R (Mcfd)	v GOF (Cubic i Barre	eet/	Flowing Fluid Gravity G <sub>e</sub>
						_							
(P <sub>c</sub> ) <sup>2</sup> =			(P <sub>w</sub> )² =	:	(OPEN FL		VERABILITY % (	/) CALCUL P <sub>e</sub> - 14.4) +				$)^2 = 0.$ $)^2 =$	207
(P <sub>a</sub> ) <sup>2</sup> - (F	)²	_ (P	(P <sub>w</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2.  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ fivided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide		Backpro Slo	essure Curve upe = "n" - or ssigned dard Slope	, nx	LOG	Antilog	De	pen Flow liverability s R x Antilog (Mcfd)
					-		_		_				
Open Flov	 w	_		Mcfd @ 14.	65 psia		Deliveral	ility			Mcfd @ 14.65 p	 sia	)
The u	ındersi	-	•		Company, s		he is duly a	uthorized t		e above repo	rt and that he h	nas knov	ū
			Witness (if	any)				<u> </u>		For C	Сотралу		
			For Commi	ssion						Chec	ked by		

•	of perjury under the laws of the state of Kansas that I am au A.R. 82-3-304 on behalf of the operator <u>Chesapeake Operatin</u>	<del>-</del>
	sure information and statements contained on this application	
•	wledge and belief based upon available production summarie	
	d/or upon type of completion or upon use being made of the gas year exemption from open flow testing for the <u>Mueller 1-15</u>	s well herein named.
gas well on the grounds that		KCC
(Check one)		KCC WIC JUN 05 20 RECEIVEL
<u> </u>	ped methane producer	RECE: 20
<u> </u>	on plunger lift due to water	
	ce of natural gas for injection into an oil reservoir undergoing E	=K
	uum at the present time; KCC approval Docket No pable of producing at a daily rate in excess of 250 mcf/D	
	to the best of my ability any and all supporting documents de	eemed by Commissior
•	porate this claim for exemption from testing.	ŕ
		•
Date: 5/11/2015		
Date: <u>5/11/2015</u>		
Date: <u>5/11/2015</u>		
Date: <u>5/11/2015</u>	Signature: Katei WMG	W

## 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.