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

Type Test	t:				(	See Instruc	tions on Re	verse Side	)	,				
☑ op	en Flo	w			Test Date	<b>,</b> ,			ΔDI	No. 15				
De	liverab	ilty			7/10/20	•				007-22785 <b>-</b>	0000			
Company		Opei	ating, L.L.C			1	Lease Brass					V 2-17	Vell Num	oer
County Location Barber 1320 FNL & 1690 FWL			Section 17		TWP 35S	•				-	Acres Attributed  KCC VIC  JUN 05 201  RECEIVED			
Field AETNA	GÄS /	ARE	A		Reservoir Mississi				Gas Gat Atlas	hering Conn	ection			WIC
Completion Date 5/26/2004			Plug Bac 5253	Plug Back Total Depth				Packer Set at NONE			Do (	75 201		
Casing Size Weight 4.5 10.5			Internal E	Diameter	Set at 5395		Perfo 517	-	го 5190	TEC	EIVED			
Tubing Si	ng Size Weight		<u> </u>	Internal D 1.995	Diameter	Set at 5165		Perfo	rations	1	Го			
Type Con Single (						d Production		<u> </u>	Pump Ur Plunge	nit or Traveling	Plunger?	Yes	/ No .	
Producing			nulus / Tubing	)	% C	arbon Dioxi	de	<u>.</u>	% Nitrog	<u> </u>			avity - G <sub>c</sub>	
Tubing	)					Dean	ouro Tana					.618	lun) /Dra	and Cina
Vertical D 5180	epin(r	" —				Flan	sure Taps ge					2.067		ver) Size
Pressure	Buildu	p:	Shut in <u>7/9</u>	2	14 at 8	:00	(AM) (PM)	Taken 7/	10	20	14 at 8	:00	(Al	√I) (PM)
Well on L	ine:	,	Started	2	0 at		(AM) (PM)	Taken		20	at		(AI 	4) (PM)
	<del></del>			, <u> </u>		OBSERVE	D SURFAC	_	_	•	Duration o	of Shut-i	n_24	Hours
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu paig (Pm)	Pressure Differential In Inches H <sub>2</sub> 0	Flowing Well Head Temperature t		Wallhood Proceura		Tubing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_a)$ psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-in							230	244.4	45	59.4	24.			
Flow						<u> </u>				<u> </u>				
						FLOW STR	EAM ATTR	IBUTES			<del> </del>			
Plate Coeffiec (F <sub>b</sub> ) (F Mcfd	ient	Pro	Circle one: Meter or over Pressure psia	Press Extension  P <sub>m</sub> x h	Grav Fact F	lor	Flowing Temperature Factor F <sub>I1</sub>	Fa	iation ctor : pv	Metered Flov R · (Mcfd)		GOR Cubic Fee Barrel)	et/	Flowing Fluid Gravity G <sub>m</sub>
(P <sub>c</sub> ) <sup>2</sup> =			(P <sub>w</sub> ) <sup>2</sup> =	•		OW) (DELIV		') CALCUL P <sub>a</sub> - 14.4) +				(P <sub>a</sub> )² (P <sub>d</sub> )²	= 0.207 =	ı
(P <sub>o</sub> ) <sup>2</sup> - (I or (P <sub>e</sub> ) <sup>2</sup> - (I		(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2  1. $P_0^2 - P_0^2$ 2. $P_0^2 - P_0^2$ divided by: $P_0^2 - P_0^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Backpre Slo	ssure Curve pe = "n" - or signed lard Slope		ГЛ	Antilo		Open Delive Equals R	rability x Antilog
					,				_	_				
Open Flo	l				65 psia		Deliverat	oility				.65 psia	——— a	
The i	unders	•	••	behalf of the	Company, s		e is duly a	uthorized to		ne above repo	rt and that	t he ha		•
			Witness (il	any)			-			For C	Ротралу — — — — — — — — — — — — — — — — — — —	_	<del>-</del>	
			For Commi	ssion	1	<del>.</del>				Chec	ked by			

I declare und	der 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 Operat	•
	going pressure information and statements contained on this applicat	
correct to the bes	st of my knowledge and belief based upon available production summar	ries and lease records
of equipment inst	allation and/or upon type of completion or upon use being made of the g	as well herein named.
I hereby requ	est a one-year exemption from open flow testing for the Brass 2-17	
gas well on the gr	rounds that said well:	KCC
		KCC WICHIT JUN 05 2015 RECEIVED
(Check	·	05 201c
	is a coalbed methane producer	RECEIVE
H	is cycled on plunger lift due to water	- ED
H	is a source of natural gas for injection into an oil reservoir undergoing	
	is on vacuum at the present time; KCC approval Docket No	
<b>\Delta</b>	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 y to corroborate this claim for exemption from testing.	deemed by Commission
Date: 5/8/2015		
	Signature: Lutie WMML	
	Title: Katie Wright, Regulatory Analyst	t

## 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.