KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

P. 4

_ :	t: en Flov liverabi				Test Date):	etions on Re	everse Side	API	No. 15	•••		
Company	,				7/10/20	14	Lease		15-0	007-22785	,	Well Nu	mber
Chesape	eake C)per	ating, L.L.C Location		Section		Brass		RNG (E/	wn	2-17	Acres A	ttributed
Barber				. & 1690 FWL	17		358		15W			10103 /	
Field AETNA	GAS A	\RE	Α		Reservoir Mississi				Gas Gath Atlas	nering Conn	ection		
5/26/200		θ			Plug Bac 5253	k Total De	pth		Packer S NONE	et at			
Casing S 4.5	ize		Weigh 10.5		Internal E 4.090	Diameter	Set 539		Perfor 5170	ations)	то 5190		
Tubing Size 2.375			Weight 4.7		Internal Diamete 1.995		Set at 5165		Perforations		То		
Type Con Single (1 (D	escribe)		Type Flui	d Producti	on		Pump Un Plunge	it or Traveling	Plunger? Yes	/ No	
Producing Tubing	g Thru	(Anı	nulus / Tubing)	% C	arbon Dio	xide		% Nitroge	en	Gas Gra .618	avity - G	ìg
Vertical D	epth(H)			<u>-</u>		essure Taps				(Meter F		over) Size
5180	Duilden		Shut In 7/9		. 14 8:		nge	Taken 7/	10	20	2.067 14 at 8:00		A.N.A.) (FD.N.A.)
Pressure Well on L											at	,	AM) (PM) AM) (PM)
						OBSERV	ED SURFAC	E DATA			Duration of Shut-	24	Hours
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well He Temperature Tempera t t		Casing Wellhead Pressure (P _w) or (P _i) or (P _c)		Tubing Welihead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Llquic	f Produced Barrels)
Shut-In			paig (Fill)	Inches Figo			230	psla 244.4	psig 45	59.4	24		
Flow					-								
			1		_	FLOW ST	REAM ATT	IBUTES	·	•	· · · · · · · · · · · · · · · · · · ·		
Plate Coeffied (F _b) (F Mcfd	ient _p)	Pro	Circle one: Meler or ver Pressure psia	Press Extension ✓ P _m x h	Grav Fact F _g	or	Tomografuro		et/	Flowing Fluid Gravity G _m			
(P _c) ² =		_:	(P _w) ² =_	:	OPEN FLO		VERABILITY _% (') CALCUL P _c - 14.4) +		:	-	= 0.20)7
(P _o) ² (P _a) ² or (P _o) ² (P _d) ²		(P _c) ² - (P _w) ²		1. P _c ² - P _a ² 2. P _c ² - P _d ² wided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide p 2 - p		Backpressure Curv Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilo (Mcfd)	
										_			
Open Flo	<u> </u>			Mcfd @ 14.	65 psia		Deliveral	oility			Mcfd @ 14.65 psi	a	
The L	ındersi	gnec	authority, on	behalf of the	Company, s	tates that	he is duly a	uthorized to	make the	e above repo	ort and that he ha	s knowl	edge of
the facts st	tated th	erei	n, and that sa	d report is true			d this the Received PRPORATION CO		day of M	ау		, 2	15
Witness (if any)							JUN 2 9 2015				ForCompany		
	8		For Commi	ssion		CONSE	RVATION DIV WICHITA, KS			Chec	cked by		

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator <u>Chesapeake Operating</u> , L.L.C.
	the foregoing pressure information and statements contained on this application form are true and
correct t	o the best of my knowledge and belief based upon available production summaries and lease records
	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
i hei	reby request a one-year exemption from open flow testing for the Brass 2-17
gas well	on the grounds that said well:
l fur	(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 ther agree to supply to the best of my ability any and all supporting documents deemed by Commission
	necessary to corroborate this claim for exemption from testing.
Date: <u>5</u>	<u>/8/2015</u>
	Received Signature: LUTU WMAY WANSAS CORPORATION COMMISSION Title: Katie Wright, 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. The form must be signed and dated on the front side as though it was a verified report of annual test results.