A. F. A.A.

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

Type Test	:				(3	See Instructi	ions on He	verse Siae)					
	en Flov Iiverabi				Test Date 7/26/201			•	арі 075	No. 15 5-20534 -	()C	60x		
Company Chesap		Op	erating, In	c.		Name of the second of the seco	Lease Bengs	ton				2-13	Vell Nu	mber
County Hamilto	n .		Locatio SE NW		Section 13		TWP 21S		RNG (E/ 41W	W)		A	cres A	Attributed
Field Bradsh	aw		,		Reservoir Chase					hering Conne Energy Ser				
Completic 6/17/94		9			Plug Back 2817	k Total Dept	h		Packer S	et at				
Casing Si 4.5	ze		Weight		Internal E	Diameter	Set a 282		Perfo	rations 2		то 2802		
Tubing Si 2.375	ze ,		Weight 4.7		Internal D 1.995	Diameter	Set : 281		Perfo	rations		То		
Type Con Single () (De	escribe)	······ <u>-</u> ··	Type Flui	d Production)		Pump Ur Pump	nit or Traveling Unit	Plunge	r? Yes	/ No	
Producing Annulus	•	(Anr	nulus / Tubing)	•	% C	arbon Dioxid	de		% Nitrog	en		Gas Gra 0.768	vity - (ã _g
Vertical D)			<u> </u>	Press	sure Taps		·				lun) (P	rover) Size
	Buildu	b: :	7/26	2	0_11_at_0			Taken_7/	27	20	11 at		((AM) (PM)
Well on L	ine:	:	Started	2	0 at		(AM) (PM)	Taken		20	at		((AM) (PM)
						OBSERVE	D SURFAC	E DATA			Duratio	n of Shut-i	_{n_24}	Hour
Static / Dynamic Property	Orific Size (inche	ei	Circle one: Pressure Meter Differential Prover Pressure psig (Pm) Inches H ₂ 0		Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-in		1					63	77.4	49	63.4	24		REC	EIVED
Flow												(\$EP	2 3 201
						FLOW STR	EAM ATTE	RIBUTES				ME		
Plate Coefficcient (F _b) (F _p) Mcfd			Circle one: Meter or over Pressure psia	Press Extension ✓ P _m x h	Extension Fact		emperature Fa		viation Metered F actor R F pv (Mcfd)		ow GOR (Cubic Fe Barrel)		・し V et/	Fluid Gravity G _m

(P _c) ² =		•	(P _w) ² =_	:	(OPEN FL	OW) (DELIV		/) CALCUL P _e - 14.4) +		:		(P _a)² (P _d)²	? = 0.2 ? =	<u>'</u> 07
(P _c) ² - (I	P _a) ²	, (F	P _c) ² - (P _w) ²	Thoose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ Tivided by: $P_c^2 - P_w$	LOG of formula 1, or 2, and divide		Backpre Slo	essure Curve ppe = "n" or-or ssigned dard Slope	n x	LOG	Ar	ntilog	O _l Del Equals	pen Flow liverability s R x Antilog (Mcfd)
	,				-									
Open Flo	w	Į.		Mcfd @ 14	.65 psia		Delivera	bility			Mcfd @	14.65 psi	l a	
The	undersi		d authority, on	behalf of the	Company,				_	ne above repo	ort and t	hat he ha		vledge of 20 11
			Witness (if	any)							Company			
			For Commi	ssion						Che	cked by			

•	
I declare und	der penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status un	der Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc
and that the fore	going pressure information and statements contained on this application form are true and
correct to the bes	et of my knowledge and belief based upon available production summaries and lease records
of equipment inst	allation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby requ	est a one-year exemption from open flow testing for the Bengston 2-13
	rounds that said well:
1	
(Checi	
	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
	so to cumply to the heat of my chility any and all cumparting decuments deemed by Commission
I further agre	e la supply to the best of my ability any and all supporting bochhems deemed by Commission
<u>-</u>	
	y to corroborate this claim for exemption from testing.
staff as necessa	
	se to supply to the best of my ability any and all supporting documents deemed by Commission by to corroborate this claim for exemption from testing. Signature:
staff as necessa	ry to corroborate this claim for exemption from testing.

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.