Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

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		For Comm	Ission		0 C	T 26 20	<u>מ</u> ו	-	Chec	ked by			
•	-	Witness (i	any)			C WICH			ForC	Company		-	
me idole statet	~ 1110101	nı, anu ulat Sc	an report is tide	and correct				uay UI <u></u>				, 2	
			n behalf of the							rt and t	nat he has		edge of 15
Open Flow	! - :	at a call a car	Mcfd @ 14.6		4-4-	Deliverat					14.65 psi		
Onen Flavo			74-61 @ 41.0) = note		Dellarani	.1014.			M-24 C	44.05 1		
- y u-			divided by: $P_c^2 - P_w^2$	by:	P _c ² -P _w ²		ard Slope		L J				Mcfd)
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	(F	P _o)² - (P _w)²	1. P _c ² - P _c ² 2. P _c ² - P _c ²	LOG of formula 1. or 2. and divide	D 2 - D 2	Slo	ssure Curve pe = "n" - or signed	l n x i	ов	Ar	ntilog	Deli Equals	en Flow verability R x Antilog
(P _c) ² =	 :	(P _w) ² =	:	P _d =) - 14.4) +		i		(P _a) ² (P _d) ²	= 0.20)7
				OPEN FLO	L OW) (DELI	IVERABILITY) CALCUL	ATIONS					
Mofd	+-	psia 	* 'm^''		-7.	F _{ft}	<u>'</u>	pv	(Moldy	+	Danoiy		G _m
Plate Coefficcient (F _b) (F _p)		Circle one: Meter or over Pressure	Press Extension	Grav Fact	rity tor	Flowing Temperature Factor	Devi Fa	iation ctor	Metered Flov R (Mcfd)	v	GOR (Cubic Fee Barrel)	et/	Flowing Fluid Gravity
Flow	-			•	EL 034 07		uniweo.	<u> </u>			ı		<u>. </u>
Shut-In						19	33.4	0	14.4		24	ļ	
Dynamic Signature (in	Orifice Size nches)	Meter Prover Pressu psig (Pm)	Differential	Flowing Temperature t	Well Head Temperatur t	Wellhead (P _w) or (F	Pressure (1) or (P _c) psia	Wellhea (P _w) or psig	d Pressure (P _t) or (P _c)	(H	ration lours)		l Produced Parrels)
		Circle one:	Pressure			/ED SURFAC	E DATA	Т	ubing	Duratio	n of Shut-i	<u>n 24</u>	Hours
Well on Line:	: 	Started	20) at		_ (AM) (PM)	Taken	<u> </u>	20	at			AM) (PM)
Pressure Buil		Shut in 3/1				_ (AM) (PM)			20				AM) (PM)
5700		04	_	45 0		•				45			
Annulus Vertical Dept	h(H)				Pre	essure Taps							over) Size
Single Gas		nulus / Tubing	g)		arbon Dio	xide		Pump % Nitroge			Gas Gra	avity - G	<u> </u>
2.875 Type Comple		6.5 escribe)		2.441 Type Flui Oil/Wa	d Producti	545 ion	3		it or Traveling	Plunge	er? Yes	/ No	
5.5 Tubing Size		15.5 Weigh	it	4.950	Diameter	570 Set	at	4805 Perfor	ations		To	369(OA)	
5/11/01 Casing Size		Weigh	it	5620	Diameter	Set		Perfor			To	241	
Completion I				Plug Bac	k Total De			Packer S	Energy Ser et at	vices	•		
Haskell Field	_	210179	1L & 930 FVVL	Reservoir				Gas Gath	nering Conn				<u> </u>
Chesapeake Operating, L.L.C. County Location Haskell 2181 FNL & 990 FWL				Section 23		TWP 29S	TWP RNG (E/W)			Acres Attributed			
Company Chesaneak	e One	rating III C	<u> </u>			Lease Ellsae	sser	_			2-23	Well Nu	mber
Delive				Test Date 3/16/20					No. 15)81-21402 -	-000	0		
Type Test: ✓ Open I	Flow			(See Instru	actions on Re	verse Side))					

exempt status und and that the foreg correct to the best of equipment insta I hereby reque	er penalty of perjury under the laws of the state of Kansas that I am authorized to request the Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, L.L.C. to income pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. The est a one-year exemption from open flow testing for the Ellsaesser 2-23
(Check	ounds that said well:
	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
-	to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: 10/21/2015	
	Signature: Sava Euri
	Title: Sara Everett, 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.