KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			(See Instru	ctions on Re	everse Side	e) ,			,	
√ Op	en Flow			.								
De	liverabilty	•		Test Date 10/31/20					No. 15 '-22495 – (0000		
Company Chesap		Operating,	Inc.			Lease Baier /	A			3-35	Well Number	
County Location Barber 330 FNL & 330 FEL			Section 35		TWP 34S		RNG (E/W) 14W		Acres Attributed			
Field Aetna			Reservoir Mississ					nering Conn Energy Sei				
Completion Date 3/13/96			Plug Bac 5320	k Total De	pṭh		Packer Set at None		-,			
Casing Size Weight 5 1/2 14			Internal Diameter 5.012			Set at 5376		ations	то 4764			
Tubing Si 2.375	Tubing Size Weight 2.375 4.7			Internal D 1.995	Diameter		Set at 4665		Perforations		То	
Type Completion (Describe) Single Gas			None	d Producti	on	Pump Un Pump I			Plunger? Yes	s / No		
Producing	g Thru (A	nnulus / Tubi			arbon Dio	xide ,		% Nitrog	en	Gas (Gravity - G _g	
Annulus	5					,					•	
Vertical D 5385	Pepth(H)				Pre	ssure Taps				(Mete	r Run) (Prover) Size	
Pressure	Buildup:	Shut in)/31	20_13 at_9	:00	_ (AM) (PM)	Taken_1	1/1	20	13 at 9:00	(AM) (PM)	
Well on L	ine:	Started	2	20 at		_ (AM) (PM)	Taken	•	20	at	(AM) (PM)	
	·			T	OBSERV	ED SURFAC		1		Duration of Shu	t-in 24 Hours	
Static / Dynamic Property	Orifice Size (inches)	Circle one Meter Prover Pres psig (Pm	Differential in	Flowing Temperature t	Well Head Temperatur t	nperature Wellhead		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In						84	98.4	0	14.4	24	1	
Flow				<u> </u>			<u> </u>					
				<u> </u>	FLOW ST	REAM ATTR	RIBUTES			1		
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension √ P _m x h	Grav Fact F _c	tor	Flowing Temperature Factor · F _{rt}		Deviation Meter Factor F _{pv} - (N		w GOI (Cubic I Barre	eet/ Fluid	
									-			
P _c) ² =	:	(P _w) ²	= :	(OPEN FLO		VERABILITY % (I	/) CALCUL P _c - 14.4) +				$(a_a)^2 = 0.207$ $(a_b)^2 = $	
· c'		\ W/	Choose formula 1 or	<u>*</u>		 `	essure Curve					
(P _c) ² - (F	P _a) ²	$(P_c)^2 - (P_w)^2$	1. P _c ² -P _a ²	LOG of formula			pe = "n"	n x L	.og	A 451	Open Flow Deliverability	
(P _c) ² -(P _d) ²		2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$		1. or 2. and divide by:			Assigned Standard Slope			Antilog	Equals R x Antilog (Mcfd)	
•	`											
				-5 :				<u> </u>	·=			
Open Flov	w		Mcfd @ 14	.65 psia		Deliverat	Dility			Mcfd @ 14.65 p	sia	
			on behalf of the said report is tru					o make th	•	ort and that he I	nas knowledge of	
ie iaulis Si	iaieu illel	eiii, aiiu mat	said report is tru	e and correc	i. Execute	u uns the'		uay or			, 20	
		Witness	(if any)			-			For (Company		
											(CC MICHI.	

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staff as necessa Date: 12/11/201	ry to corroborate this claim for exemption from testing.
I further agre	ee to supply to the best of my ability any and all supporting documents deemed by Commissio
<u></u>	is not capable of producing at a daily rate in excess of 250 mcf/D
	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 cycled on plunger lift due to water
	is a coalbed methane producer
(Chec	k one)
gas well on the g	grounds that said well:
	uest a one-year exemption from open flow testing for the Baier A 3-35
	tallation and/or upon type of completion or upon use being made of the gas well herein named.
orrect to the be	st of my knowledge and belief based upon available production summaries and lease records
and that the fore	egoing pressure information and statements contained on this application form are true and
exempt status un	nder Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, Inc.

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.

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