Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	:				(See Instruc	tions on Re	verse Side	y			
√ Op	en Flo	w			Test Date				ΔĐI	No. 15		
De	liverab	ilty			9/14/20					007-22517 -	0000	
Company Chesape		Oper	ating, L.L.C				Lease Sutton	С		•	2-36	Well Number
County Barber			Location 330 FNL & 1850 FWL		Section 36		TWP 34S		RNG (E/W) 14W		Acres Attributed	
Field Aetna					Reserveir Mississ					hering Conne Energy Serv		
Completic 11/25/9		е	<u> </u>			k Total Dep	th		Packer S None			
Casing Si 5 1/2		Weight 15.5			Internal Diameter 5.012		Set at 5069		Perforations 4770		To 4822	
Tubing Size 2.375			Weigh	t	Internal Diameter		Set at 4776		Perforations		То	
		(Describe)			Type Fluid Production Water				Pump Unit or Traveling F		Plunger? Yes / No	
		(Annulus / Tubing)				arbon Diox	ide			en	Gas Gravity - G	
Annulus												<u>-</u>
Vertical D 5070	epth(H			,		Pres	ssure Taps				(Meter F	Run) (Prover) Size
Pressure	Buildu	p:	Shut in9/13	2	o_15_at_8	:00	. (AM) (PM)	Taken 9/	14	20	15 _{at} 8:00	(AM) (PM)
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
					·	OBSERVE	D SURFAC	E DATA			Duration of Shut-i	n_24Hours
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Temperature Temperat		Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
Shut-In			psig (Fili)	modes ri ₂ 0			110	psia 124.4	200	214.4	24	
Flow												
						FLOW ST	REAM ATTE	RIBUTES		<u>.</u>	-	
Plate Coefficcient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension P _m x h	racior		Flowing Temperature Factor F _{It}		iation ctor pv	Metered Flov R (Mcfd)	GOR (Cubic Fer Barrel)	Flowing Fluid Gravity G _m
					,	. ,	/ERABILITY	•				2 = 0.207
(P _c)² =	I			Choose formula 1 or 2				P _c - 14.4) +		 :	(P ^d) ₂	·=
(P _c) ² - (I or (P _c) ² - (I		(F	P _c) ² - (P _w) ²	1. $P_c^2 - P_e^2$ 2. $P_c^2 - P_d^2$	LOG a formula 1. or 2. and divide	P _c ² - P _w ²	Slo As	essure Curve pe = "n" - or esigned	l n x 1	LOG	Antilog	Open Flow Dellverability Equals R x Antilog (Mcfd)
				divided by: $P_c^2 - P_w$	2 Бу:	<u> </u>	Stan	lard Slope				- (
	_	_						-				
Open Flow		Mcfd @ 14.65 psia Deliverability					bility	Mcfd @ 14.65 psia				
		_	-				•			•	rt and that he ha	•
the facts s	tated t	here	in, and that sa	id report is true	e and correc	t. Executed	this the <u>1</u> Receiv		day of	ovember		, 20 <u>15</u>
-			Witness (i	any)		KANSAS	CORPORATIO		ON	For	Company	
			For Comm	Ission		<u></u>	DEC 02	2015		Cha	cked by	
			FOLCOUNT	India						Une	anou by	

CONSERVATION DIVISION WICHITA, KS

(i-) Ldeclare unde									
exempt status und and that the foreg correct to the best	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, L.L.C. soing 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								
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Sutton C 2-36									
	ounds that said well:								
staff as necessary	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: 11/16/2015	Signature: 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.

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