KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			('See Instruct	tions on Re	verse Side)					
Op	en Flow			Test Date	3*			ΛDI	No. 15				
De	liverabilt	у		9/30/20				15-	007-22133	-0000			
Company C.H. To						Lease Clarke				1-6	Well Nu	mber	
County Barber		Location SW SW		Section 6		TWP 32S		RNG (E/W) 12W		Acres Attributed 160		ttributed	
Field Medicin	e Rive	r		Reservoir Mississ			W	Gas Gai	thering Conn Vichit	ection a <i>Gas</i> G	athe	ring	
Completic 4/15/86				Plug Bac 4339	k Total Dept	th		Packer 8 None	Set at			\rightarrow	
Casing S 4.5	ize		Weight 10.5		Internal Diameter 3.95		at 9	Perforations 4252		то 4272			
Tubing Si 2.375	ize	Weig 4.7	Weight 4.7		Internal Diameter 1.995		at O	Perforations		То			
Type Con Casing	npletion	(Describe)			id Production	n		Pump U		Plunger? Ye	s / No		
	Thru (Annulus / Tubi	ng)	% Carbon Dioxide				% Nitrog	_	Gas Gravity - G _g			
Vertical D	epth(H)		<u> </u>		Pres	sure Taps			<u> </u>	(Mete	r Run) (Pr	over) Size	
Pressure	Buildup:	: Shut in 9/2	29	13 at 1	1:00	(AM) PM)	Taken 9/	30	20	13 at 11:00		ĀM) _S (PM)	
Well on Line:		Started	2	20 at		(AM) (PM)	Taken		20	at	_		
		-			OBSERVE	D SURFAC	E DATA			Duration of Shu	ıt-in	Hours	
Static /	Orifice	Circle and	1	Flowing	Well Head	Cas	sing		Tubing				
Dynamic Property	Size (inches	Meter Prover Pres		Temperature t			Pressure () or (P _c)		or (P,) or (P _c)	Duration (Hours)		Liquid Produced ((Barrels)	
Shut-In				-		85	99.7						
Flow													
	•			*	FLOW STR	REAM ATTE	IBUTES		•	-	•		
Plate Coeffied (F _b) (F	lent ,)	Cucla one: Meter or Prover Pressure psia	Press Extension Pmxh	Grav Fac	tor	Flowing Temperature Factor F _{rs}	Fa	iation ctor : pv	Metered Flor R (Mcfd)	w GOI (Cubic Barre	FeeV	Flowing Fluid Gravity G _m	
												_	
(D.)2	•	. (5.2)		•	OW) (DELIV		•)2 = 0.2	 07	
(P _c) ² =		; (P _w) ²	Choose formula 1 or 2	P _a =			P _c - 14.4) +		:		(a) ₅ =		
(P _c) ² - (I or (P _c) ² - (I		(P _e) ² - (P _w) ²	 P_c²-P_a³ P_c²-P_d³ divided by: P_c²-P_a 	LOG of formula 1, or 2. and divide by:	P _c ² · P _w ²	Slo As	essure Curve pe = "n" - or ssigned fard Slope	1	LOG	Antilog	Dell Equals	en Flow verability R x Antilog (Mcfd)	
	_												
Open Flo		<u> </u>		.65 psia		Deliverat	oility			Mcfd @ 14.65 p	osia.	<u>_</u>	
		ned authority	on behalf of the	•	states that h			n maka ti	he above rest			to anhal	
	_	· ·	said report is tru			_		_	1ay			20 <u>14</u> .	
					KC	C WIC	ארוטי	7/-	11/	uff			
		Witness	(if any)			Y 05 2	(-		O-O S FOU	copposit Fe 12	Fa	-	
		For Con	nmission	· · · · ·					Che	cked by		<u> </u>	
					r	RECEIV	ΈD						

exempt status un and that the fore correct to the bes of equipment inst	der penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator C.H. Todd Inc. going pressure information and statements contained on this application form are true and st of my knowledge and belief based upon available production summaries and lease records tallation and/or upon type of completion or upon use being made of the gas well herein named. Just a one-year exemption from open flow testing for the Clarke 1-6 Tounds that said well:
I further agre	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 ee to supply to the best of my ability any and all supporting documents deemed by Commission my to corroborate this claim for exemption from testing.
Date: <u>May 2, 20</u>	Signature: Title: Engineer

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.

KCC WICHITA

MAY 05 2014

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