KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruct	ions on Rev	rerse Side)				
·	en Flov liverabi				Test Date 9/30/20				API 15-	No. 15 007-22898	-0000		
Company C.H. To	dd						Lease Vander	work			2-7	Well Nu	ımber
County Barber			Locatio C S2 N		Section 7	-	TWP 32S		RNG (E/	·		Acres A	Attributed
Field Medicin					Reservoir Mississ	ippi		_ <u>h</u>	<u>lest</u>	hering Conn Wichite	ection a Gas G	athe	ring_
Completic		e			4338	k Total Dept	h 	n.m	Packer S None				<u> </u>
Casing Si 5.5	ize		Weight 15.5	<u> </u>	Internal D 5.0	Diameter —	Set a 4392		Perfo 4254	rations 1	To 4280	1	
Tubing Si 2.375	ize		Weight 4.7	1	Internal I 1.995	Diameter	Set a 4300		Perfo	rations	То		
Type Con Casing	npletio	n (Desc	ribe)		Type Flui Oil and	d Production I Water	1		Pump Ur Pumpi		Plunger? Yes	s / No	<u>-</u>
Producing Casing	Thru	(Annuli	ıs / Tubing)	% C	arbon Dioxid	de		% Nitrog	en	Gas (aravity - (3,
Vertical D	epth(H	1)		<u></u> _		Press	sure Taps				(Mete	r Run) (P	rover) Size
Pressure	Buildu	p: Sh	ut in 9/29) 2	13 at 10	0:15	(AM)(PM)	Taken 9/	30	20	13 at 10:15	j ((AM)(PM)
Well on L	.ine:	Sta	rted	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)
						OBSERVE	D SURFACI	E DATA			Duration of Shu	ıt-in	Hours
Static / Dynamic Property	Orifi Siz (inch	e Pr	Circle one: Meter over Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature 1	Cas Wellhead (P _w) or (P	Pressure	Wellhe	fubing ad Pressure r (P,) or (P _c)	Duration (Hours)		id Produced Barrels)
Shut-In							75	89.7					
Flow				<u> </u>					<u> </u>			<u> </u>	
					<u> </u>	FLOW STR	EAM ATTR	IBUTES					
Plate Coeffied (F _b) (F	ient	Me Prover	ile one: ler or Pressure osia	Press Extension	Grav Fac F	tor T	Flowing emperature Factor F _{ti}	Fa	iation ector = pv	Metered Flor R (Mcfd)	w GOI (Cubic Barre	Feet/	Flowing Fluid Gravity G _m
(P _c) ² =		_:	(P _w) ² =	:	(OPEN FL	OW) (DELIV) CALCUL ² 14.4) +		;		$(a)^2 = 0.2$ $(a)^2 = $	207
(P _a) ² + (I or (P _c) ² - (I		(P _q) ²	- (P _w)²	1. P _c ² - P _c ² 2. P _c ² - P _c ² divided by: P _c ² - P _c	LOG of formuta 1. or 2. and divide	P. 2 . P. 2	Slop As:	ssure Curve pe = "n" or signed ard Slope	- n x 1	LOG	Antilog	De	pen Flow liverability s R x Antilog (Mcfd)
Open Flor		-		Mcfd @ 14	65 psia		Deliverab	ility			Mcfd @ 14.65 p	osia	
The t	unders	•	•		Company, s		e is duly au	uthorized t	day of N	'	ort and that he	has knov	vledge of 20 14
			Witness (i	any)		KCC	WICE	11126	Br	30.	Company	Fr.	
			For Comm	isslon		MAY	05 20	14	9	Che	cked by		<u> </u>
						RE	ECEIVE	D					

	re under penalty of perjury under the laws of the state of Kansas that I am authorized to request us under Rule K.A.R. 82-3-304 on behalf of the operator <u>C.H. Todd Inc.</u>
and that the correct to the of equipme I hereb	e foregoing pressure information and statements contained on this application form are true and ne best of my knowledge and belief based upon available production summaries and lease records nt installation and/or upon type of completion or upon use being made of the gas well herein named. Yequest a one-year exemption from open flow testing for the Vanderwork 2-7 the grounds that said well:
l furthe	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 r agree to supply to the best of my ability any and all supporting documents deemed by Commissionessary to corroborate this claim for exemption from testing.
	Signature:

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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