KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				((See Instruc	ctions on Re	verse Side	9)				
□ o _F	en Flor	W			T1 D-1								
De	eliverab	ilty			Test Date 3/27/20					I No. 15 -007-22898	-0000		
Company C.H. To		c.				<u>-</u>	Lease Vande	rwork				Nell Number	
County Barber			Location C S2 NW		Section 7		TWP 32\$		RNG (E/W) 12W		Acres Attributed		ed
Field Medicin	ie Riv	ег		-	Reservoi Mississ				Gas Ga	thering Conn	ection		
Completion 6/7/05	on Dat	е	,		Plug Bac 4338	k Total Dep	oth		Packer None	Set at	W		
Casing Size 5.5			Weig 15.5	ht	Internal 1 5.0	Internal Diameter 5.0		Set at 4392		orations 4	то 4280		
Tubing Size 2.375			Weig 4.7	ht	Internal I 1.995	Internal Diameter 1.995		Set at 4300		orations	То		
Type Cor Casing	mpletion	n (De	escribe)	** <u>*</u>		id Productio	on		Pump U		Plunger? Yes	/ No	
Producing Casing	g Thru	(Anr	ıulus / Tubir	ıg)	% (Carbon Diox	ide	-	% Nitro	gen	Gas Gra	avity - G _g	
Vertical D	Depth(H	l)				Pres	ssure Taps		_		(Meter F	Run) (Prover)	Size
Pressure	Buildu	p: :	Shut in Ma	rch 26	20_14_at_1	0:15	((AM)(PM)	Taken_Ma	arch 27	20	14 at 10:15	(AM)	 M)
Well on L	.ine;												
	_					OBSERVE	ED SURFAC	E DATA			Duration of Shut-	in1	Hours
Static / Dynamic Property	Orifle Size	в	Circle one: Meter Prover Press	Pressure Differential ure in	Flowing Temperature	Well Head Temperature	Wellhead	sing Pressure P _t) or (P _t)	Wellhe	Tubing Wellhead Pressure Duration (P,) or (P,) or (P,) (Hours)		Liquid Produced (Barrels)	
Shut-In	(mom	991	psig (Pm)	Inches H ₂ 0	'	-	psig 52	psia 66.7	psig	psia			
Flow			<u>-</u>		 			00.1	-				\dashv
					<u></u>	FLOW STR	REAM ATTE	RIBUTES	L		<u> </u>		
Plate	,		Circle one:	Press	0		Flowing				T	Flow	vina
Coeffied (F _b) (F	Coeffictient (F _b) (F _p)		Meter or ver Pressure	Extension Pmx h	Grav Fac F	tor	Temperature Factor	Fa	ation Metered Flow ctor R (Mcfd)		w GOR (Cubic Fed Barrel)	v Fluid Gravity	
Mcfd			psia	, m			F _n	 		(11010)	- Sunon	G	
[(OPEN FL	OW) (DELIV	ÆRABILITY) CALCUL	ATIONS			0.007	
(P _c) ² =		_:_	(P _w) ² =		P _d =	• •		P _c - 14.4) +		;	(P _d) ²	= 0.207	
(P _c) ² - (I or (P _c) ² - (F		(P	°)s- (b [*])s	2. $P_e^2 - P_d^2$	LOG of formula 1. or 2.		Sio	essure Curve pe = "n" - or	пх	LOG	Antilog	Open Flov Deliverabili Equals R x Ar	ity
(P _e) ² - (ι	P _d) ²			divided by: Pc2-P	and divide by:	P _c ² -P _u ²		signed lard Slope	-			(Mcfd)	
							 - -						_
Open Flo	—L ₩			Mcfd @ 14	1.65 psia		Deliverat	pility			Mcfd @ 14.65 psi	a	
The t	undersi	gned	authority, c	n behalf of the	Company, s	states that h	ne is duly a	uthorized to	o make t		ort and that he ha	-	of
				aid report is tru					day of A	-		, 20 14	
			1801	H and		KCC V	VICHI]	TA 📜		1/9			
		_	Witness (APR-1	4 2014	7	30		cked by	ter	
						•	CEIVED)		/ Crief	one u o j		

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request t status under Rule K.A.R. 82-3-304 on behalf of the operator C.H. Todd Inc.
	at the foregoing pressure information and statements contained on this application form are true and
correc	t to the best of my knowledge and belief based upon available production summaries and lease records
•	pment installation and/or upon type of completion or upon use being made of the gas well herein named.
۱h	ereby request a one-year exemption from open flow testing for the Vanderwork 2-7
gas we	ell on the grounds that said well:
	(Check one)
	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
1.6.	
	urther agree to supply to the best of my ability any and all supporting documents deemed by Commissio
stan a	s necessary to corroborate this claim for exemption from testing.
	A == 11 40 , 004 4
Date: _	April 10, 2014
	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.

APR 1 4 2014 RECEIVED