## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:				ſ	See Instruc	tions on Re	everse Side	<del>)</del> )			
Oper	n Flow			Test Date	o•			ΔΡΙ Ι	No. 15		
Deliv	erabilty			06/22/2					07-23863 <i>-</i>	-0000	
Company Chieftain (	Oil Co.,	Inc.				Lease Sally				3	Well Number
County Location Barber SE NW NW SE			Section 4		TWP 34S			RNG (E/W) 11W		Acres Attributed	
Field Schupbacl	h South	west		Reservoia Mississi					ering Conn Deline Mid-	ection Continent West	OK
Completion Date 05/17/2012				Plug Bac 5098	Plug Back Total Depth 5098				et at		
Casing Size Weight 5.5 15.5				Internal I	Diameter		Set at 5137		Perforations 4546		-
Tubing Size Weight 2.875 6.5			Internal E 2.441	Diameter		Set at 4594		ations	То		
Type Completion (Describe) Single			Type Fluid Production Oil/Water/Gas			Open Pump Unit or Traveling Plunger? Yes / No Pumping Unit					
Producing T	Thru (An	nulus / Tubing)		% C	arbon Dioxi	ide		% Nitroge	=	Gas G	avity - G
Vertical Dep	pth(H)				Pres	sure Taps	<del></del> .		<del>-</del>	(Meter	Run) (Prover) Size
<del></del>	uilđup:	Shut in06/22	<u></u> s	 0_ <u>13</u> _at		(AM) (PM)	Taken_06	6/23	20	13 at	(AM) (PM)
Well on Line	e:	Started	20	0 _ <b></b> at		(AM) (PM)	Taken		20	at	(AM) (PM)
					OBSERVE	D SURFAC	E DATA			Duration of Shut-	-inHours
Dynamic	Dynamic Size Prover Prove Pro		Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Temperature (P <sub>w</sub> ) or (P		Pressure	(P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)
Shut-In	<del></del> _	psig (Pm)	menes 11 <sub>2</sub> 0			psig	980.5	psig	psia		
Flow	_			-							
l			<u>.</u>		FLOW STR	REAM ATTR	IBUTES	· · ·		<u> </u>	
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mofd		Circle ane: Meter or ever Pressure psia	Press Extension Pmxh	Grav Fact F <sub>g</sub>	or 1	Flowing Temperature . Factor F <sub>H</sub>		iation actor pv	Metered Flow R (Mcfd)	v GOR (Cubic Fe Barrel)	Gravity
(P <sub>c</sub> )² =	 :	(P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FLO	OW) (DELIV		) CALCUL P <sub>c</sub> - 14.4) +		:		2 <sup>2</sup> = 0.207 2 <sup>2</sup> =
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup>		(P <sub>w</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ded by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	<u> </u>	Što As	ssure Curve pe = "n" - or signed lard Slope	n x L(	og 📗	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
			<del></del> -	-	_		<del>-:</del>				
Open Flow			Mcfd @ 14.	 65 psia		 Deliverat	ility			Mcfd @ 14.65 ps	la .
The und	dersigned	l authority, on I	pehalf of the	Company, s	tates that h	ie is duly a	uthorized to	o make the	above repo	rt and that he ha	as knowledge of
the facts state	ted therei	n, and that said	report is true	and correc	t. Executed	this the 2	4	day of <u>Ju</u>	ne -		, 20 <u>13</u>
			<del></del>		KCC_W	VICHIT	A	10	2_/		
		Witness (if ar	ny)		FEB_0	6 2015	•		ForC	Company	_
-		For Commiss	ion			EIVED		_	Che	cked by	

exempt stand that the correct to of equipm	are under penalty of perjury under the laws of the state of Kansas that I am authorized to request ratus under Rule K.A.R. 82-3-304 on behalf of the operator Chieftain Oil Co., Inc. The foregoing pressure information and statements contained on this application form are true and the best of my knowledge and belief based upon available production summaries and lease records tent installation and/or upon type of completion or upon use being made of the gas well herein named. But the grounds that said well:
	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  ter agree to supply to the best of my ability any and all supporting documents deemed by Commission excessary to corroborate this claim for exemption from testing.
Date: <u>06/</u> 2	Signature: Field Supervisor

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.