KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	tions on Rev	erse Side))				
Open Flow				Test Date:				ADLI	No. 15				
Deliverabilty				10-11&12,2011				API No. 15 15-007-10283-00-00					
Company HERMAN L. LOEB, LLC.				· · · · · · · · · · · · · · · · · · ·			•	Well Number				mber	
County Location BARBER C SW SE				Section 11				RNG (E/W)		Acres Attributed			
Field MEDICINE LODGE			Reservoir			1 3	Gas Gathering Conn ONEOK FIELD S			•			
Completion Date 6-18-36			Plug Back Total Depth 4564				Packer Se NONE	et at	1	· · · · · · · · · · · · · · · · · · ·	/ 5		
Casing Size 7.000			Weigh 24.00		Internal Diamete 6.336		Set at 4498		Perforations 4498		To 4 4564		
Tubing Size 2.375			Weigh 4.70	nt	Internal D 1.995	Diameter	Set at 4564		Perforations		То	То	
Type Completion (Describe) SINGLE				Type Fluid Production GAS,WATER									
Producing ANNUL	-	(Anr	nulus / Tubin	g)	% C	arbon Dioxi	ide	, , , , , , , , , , , , , , , , , , , ,	% Nitroge	en ,	Gas Gı	ravity - G	Ìg .
Vertical D	epth(H)		,-	.		sure Taps			•	(Meter	, ,	over) Size
Pressure	Buildu	p:	Shut in 10-	11-11 2			(AM) (PM)	Taken_10)-12-11	20	at	(AM) (PM)
Well on L	ine:	,	Started	2	0 at		(AM) (PM)			20	at		
	•		•			OBSERVE	D SURFACE	DATA		· ·	Duration of Shut-	-in24	Hours
Static / Dynamic Property	namic Size		Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	1 -	l Produced Barrels)
Shut-In	***************************************	-	pag (i iii)	mones 11 ₂ 0			psig 80	psia	psig	psia	24		
Flow		·											
				**		FLOW STR	REAM ATTRI	BUTES				<u></u>	
Coeffiect	Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or over Pressure psia	Press Extension ✓ P _m x h	Fact	Gravity Factor F _g		lowing perature Factor F _{ft} P _{pv}		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m
L				<u> </u>	<u> </u>			<u> </u>					
(P _c) ² =		_;	(P _w) ² =	<u> </u>	(OPEN FLO		'ERABILITY) % (P _c	- 14.4) +		:	(P _a) (P _d)	2 = 0.20 2 =	
(P _c)²- (F or (P _c)²- (F	"	(P)²- (P _w)²	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Slope 	sure Curve e = "n" or gned rd Slope	n x LG	og 📗	Antilog	Deli Equals	en Flow verability R x Antilog Mcfd)
				· • •		. 7					: .		
Open Flo	ν <u>,</u>		1:	, ' Mcfd @ 14.	65 psia	* 4	Deliverabil	itv		* • •	Mcfd @ 14.65 ps	ia	
		2000	, , , , , , , , ,			tatos that h		•	make the		rt and that he ha		odgo of
		•	•				•		day of OC	•	t and that he ha		eage of 0 11
the facts si	tated th	ierei	n, and that s	aid report is true	and correct	. Executed	this the 20	 C	les li	N D	all has	, 2	.0
			Witness (f any)					- Carrie	For C	ornpany RF	-CEN	/En
			For Comm	nission						Chec	ked by		0000

OCT 2 4 2011 KCC WICHITA

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt	status under Rule K.A.R. 82-3-304 on behalf of the operator HERMAN L. LOEB, LLC.
and tha	t the foregoing pressure information and statements contained on this application form are true and
correct t	to the best of my knowledge and belief based upon available production summaries and lease records
	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
l he	reby request a one-year exemption from open flow testing for the CINDA #4
gas wel	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
l fur	ther agree to supply to the best of my ability any and all supporting documents deemed by Commissio
	necessary to corroborate this claim for exemption from testing.
Date: <u>1</u>	0.20.41
Date:t	0-20-11
	Signature: Leshe H. Dleham
	Title: REP. HERMAN L. LOEB LLC.

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.