RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:			(5	See Instruct	tions on Re	verse Side)				
✓ Open Flow											
Deliverabilty			Test Date: 6-30-13				API No. 15 15-025-20537-00-00				
Company HERMAN L LOEB LLC			,	Lease THEIS					Well Number		
County	Location SW SE		Section 8		TWP 34S		RNG (E/V	v)		Acres Attributed	
Field MCKINNEY			Reservoir CHESTER			Gas Gathering Connection ONEOK FIELD SERVICES					
Completion Date			Plug Back Total Depth 5785				Packer Set at NONE				
Casing Size	Weight 10.50		Internal Diameter 4.052		Set at 5792		Perforations 5685		то 5698		
ubing Size	Weight 4.70		Internal Diameter		Set at 5727		Perforations		То		
Type Completion (Describe) SINGLE			Type Fluid Production WATER			<u>, </u>	Pump Unit or Traveling Plunger? Yes / No YES-PUMPING UNIT				
Producing Thru (Annulus / Tubing)			% Carbon Dioxide				% Nitrogen Gas Gravity - G _g				
ANNULUS Vertical Depth(H)			Pressure Taps ,				. (Meter Run) (Prover) Size				
ressure Buildup:	Shut in 6-30) 20	13 _{at} 2:0	00	(AM) (PM)	Taken 7-	1	20	13 _{at} 2:00	(AM) (PM)	
Vell on Line:					•					(AM) (PM)	
				OBSERVE	D SURFAC	E DATA	-	• 1	Duration of Shut-	24 Hours	
Static / Orifice Size roperty (inches) Circle ane: Mater Prover Pressure psig (Pm)		Pressure Differential in Inches H ₀ 0	Differential Temperature Tempe		ature Wellhead Pressure (P_w) or (P_t) or (P_c)		Tubing Wellhead Pressure (P,) or (P,) or (Pc)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In					рsig 190	psia	psig	psia	24		
Flow											
			· · · · · · · · · · · · · · · · · · ·	FLOW STR	EAM ATTR	IBUTES		. ,			
Plate Coeffiecient (F _b) (F _p) Mcfd	coefficient Meter or Extension (F _b) (F _p) Prover Pressure		Gravity Factor F _g		Flowing Femperature Factor F ₁₁	perature Factor		Metered Flow R (Mcfd)		GOR Flowing (Cubic Feet/ Fluid Barrel) Gravity G _m	
		· t .	(ODEN EL O	10 (DEL 10)	ERABILITY		.=				
(c) ² = :	(P _*) ² =_	· · · · ·	P _d =_) CALCUL 2 - 14.4) +		:	(P _a) (P _d)	2 = 0.207 2 =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	(P _c) ² - (P _w) ²	theose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ivided by: $P_c^2 - P_w^2$	LOG of formula 1, or 2, and divide by:	P.2. P.2	Slop	ssure Curve be = "n" or signed ard Slope	n x LC	og [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
			· · · ·	·•					5 . 71		
,			<u> </u>	<u> </u>		<u> </u>			•		
pen Flow		Mcfd @ 14.65		•	Deliverab	· •			1cfd @ 14.65 psi	·	
The undersign							NC	above report	and that he ha	s knowledge of	
, isois stated life!	on, and tildt Sal	u ισμυτι is titue t	and correct.		tild	./	day of	1110	ns	, 20	
	Witness (If	any)		 (Ja	ine	For Co	mpany	KCC WICH	
	For Commis	sion			t	/		Check	/	DEC 12 201	

exempt status under Rule K./	of perjury under the laws of the state of Kansas that I am authorized to request .R. 82-3-304 on behalf of the operator HERMAN L LOEB LLC ure information and statements contained on this application form are true and wledge and belief based upon available production summaries and lease records
	or upon type of completion or upon use being made of the gas well herein named.
gas well on the grounds that	
is cycled is a source is on vacu is not cap ← 1 further agree to supply	ed methane producer on plunger lift due to water e of natural gas for injection into an oil reservoir undergoing ER um at the present time; KCC approval Docket No able of producing at a daily rate in excess of 250 mcf/D to the best of my ability any and all supporting documents deemed by Commission trate this claim for exemption from testing.
Date: NOVEMBER 16, 2013	Signature: Jane Wille: HERMAN L LOEB LLC AREA 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.