KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			((See Instruc	tions on Re	verse Sid	e)			
✓ Op	en Flow			Test Date	a·			A Pu	No. 15		
Del	liverabilty			7-15-13					- No. 15 119-20024-0	00-00	
Company HERMAN L LOEB LLC					Lease THONOFF					1-4	Well Number
County Location MEADE SW SW NE NW				Section 4		TWP 35S		RNG (E/W) 27W			Acres Attributed 160
Field MYERS			Reservoi CHEST	ER			Gas Gathering Connec DCP MIDSTREAM				
Completion Date 10-15-68				6274	k Total Dep	th	NOI		Set at		
Casing Size Weight 4.50 10.50			Internal I 4.052	Diameter	Set at 6274		Perforations 6165		то 6190		
Tubing Size Weight 2.375 4.70			Internal I 1.995	···	Set at 6210		Perforations		То		
Type Completion (Describe) SINGLE				Type Fluid Production WATER				Pump Unit or Traveling Plunger? Yes / No YES-PUMPING UNIT			
ANNUL	US	nnulus / Tubin	g) 	% (% Carbon Dioxide			% Nitrogen Gas			avity - G _g
Vertical D	epth(H)				Pres	sure Taps				(Meter I	Run) (Prover) Size
Pressure Buildup: Well on Line:		Shut in 7-15 20 Started 20		0 13 at 2) 13 at 2:00		(AM) (PM) Taken_7-		20	13 at 2:00	(AM) (PM)
				at		(AM) (PM) Taken		20		at	(AM) (PM)
		Circle one:	Pressure		OBSERVE	D SURFAC				Duration of Shut-	in 24 Hours
Static / Orifice Dynamic Size Property (inches)		Meter Prover Pressu psig (Pm)	Differential	Flowing Temperature t	Well Head Temperature t	Cas Wellhead (P _w) or (P	Pressure	Wellhead I	bing d Pressure P _t) or (P _c)	Ouration (Hours)	Liquid Produced (Barrels)
Shut-In						200	psia	paig	paid	24	
Flow					_						
	· · · · · · · · · · · · · · · · · · ·				FLOW STR	EAM ATTR	IBUTES				
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia Prover Pressure		Gravity Factor F _g		Temperature Factor		viation Metered Flow actor R F _{pv} (Mcfd)		w GOR (Cubic Fe Barrel)	Gravity
P _c)² ==	:	(P _w) ² =	:	(OPEN FLO		ERABILITY) CALCUL 2 - 14.4) +		:	(P _a) ¹	² = 0.207
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) 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 _w ²		LOG of formula 1. or 2. and divide by:		Backpressure Curve Slope = "n" Assigned Standard Slope		n x 106		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
.											
Open Flow	v	<u>-</u>	Mcfd @ 14.	65 psia	<u>-</u>	 Deliverab	ility		<u>l</u>	Mcfd @ 14.65 psi	a
The u	ındersigne	d authority, or	n behalf of the	Company, s	tates that h	e is duly au	thorized t	o make th	e above repo	rt and that he ha	s knowledge of
			aid report is true				16	day of N	OVEMBER		, 20 13 .
							La	un.	com	se	KCC WIC
						_	1			· nemanari	
		Witness (i								company cked by	DEC 12 2

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator HERMAN L LOEB LLC
	going pressure information and statements contained on this application form are true and
correct to the best	t of my knowledge and belief based upon available production summaries and lease records
	allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the
	ounds 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
\checkmark	is not capable of producing at a daily rate in excess of 250 mcf/D
I further agree	e to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessar	y to corroborate this claim for exemption from testing.
Date: NOVEMBE	<u>R 16, 2013</u>
	Signature: Januar W Misc
	Title: 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.