KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				(See Instruct	ions on .Rev	erse Side)				
Open Flow				Test Date: API No. 15								
Deliverabilty					8-28-14 AFT NO. 15 119-21344-00-00					00 .		
Company HERMAN L LOEB LLC					Lease COOLHAND					Well Number 1-26		
County Location MEADE SE-NW-SW-NW				Section 26		TWP RNG (E/\) 33 26W			/W)		Acres Attributed	
Field WILDCAT				Reservoir CHESTI		Gas Gathering Conne DCP MIDSTREAM						
Completion Date 9-5-2013				Plug Bac 6330	k Total Dept	h	Packer Set at					
Casing Size Weight 5.50 17.00			Internal E 4.892	Diameter	Set at 7388		Perforations 5714		то 572 0			
Tubing Size Weight 2.375 4.60			Internal E 1.995	Diameter	Set at 5756		Perfo	rations	То	То		
Type Completion (Describe) SINGLE				Type Flui	d Production	1	Pump Unit or Tra YES		nit or Traveling	eling Plunger? Yes / No		
Producing Thru (Annulus / Tubing) TUBING				% C	arbon Dioxi	de	% Nitrogen			Gas Gravity - G		
Vertical Depth(H)				Pres	sure Taps				(Meter F	Run) (Prover) Size	
Pressure Buildo	up:	Shut in 8-27	7 2	0 14 at 1	0:00	(AM) (PM)	Taken 8-	27	20	14 _{at} 10:00	(AM) (PM)	
Well on Line: Started 8-28 20			0 14 at 1			(PM) Taken <u>8-28</u> 2		20	14 at 10:00	(AM) (PM)		
					OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24 Hours	
Static / Orifice Dynamic Size Property (inches)		Circle one: Meter Prover Pressu psig (Pm)	Pressure Oifferential 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)	Liquid Produced (Barrels)	
Shut-In			1			psig 180	psia	psig	psia	24		
Flow												
	1			1	FLOW STR	EAM ATTRI	BUTES		· · · · · · · · · · · · · · · · · · ·	- 		
Plate Coefficeient (F _b) (F _p) Mcfd	Pro	Circle one: Meter or Prover Pressure psia Press Extensi		Gravity Factor F _g		Temperature Fa		viation Metered Flov actor R F _{pv} (McId)		w GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _m	
(P.)2 —		(D.)2		•		ERABILITY)					2 = 0.207	
(P _c) ² =	- ·	(P _w) ² =	Choose formula 1 or 2	P _d =		1	- 14.4) +			(P _d)	? = 	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	(F	(P _c) ² - (P _w) 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 lormula 1. or 2. and divide		Backpressure Curve Slope ≈ "n" Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
			avided by: Fc Pw	2 by:		Stanua	- Giope					
Open Flow Mcfd @ 14.65 psia					Deliverability Mcfd @ 14.65 psia							
The under	signe	d authority, or	behalf of the	Company, s	states that h	e is duly au	horized to	o make t	he above repo	ort and that he ha	s knowledge of	
the facts stated	therei	in, and that sa	id report is true	e and correc	t. Executed	this the 15		uay or	SEPTEMBER	· ·	, 20 <u>14</u>	
		Wilness (il	any)			· /	Jan	us C	N M	Company		
		For Commi	ssion			V-			Che	cked by		

 I declare 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 that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the COOLHAND 1-26
gas well 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
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
start as necessary to correspond to this diamnion exemption from testing.
Date: 9-15-2014
Signature: found Misconnection Signature: 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.