KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it: oen Flo	w			(See Ins	struct	ions on Rev	erse Side)					
Deliverability Test Date 6-10&1											I No. 15 -15 ∮ -20976-	∩∩-∩ß			
Сотрапу НЕРМА		OF	RUC		0 1001			Lease NORRIS	:		5	#3	Well N	lumber	
HERMAN L. LOEB,LLC. County Location RENO C NE SE					Section			TWP		RNG (E/W)		Acres Attribut		Attributed	
Field				Reservoi	8 25\$ Reservoir				6W Gas Gathering Connection						
······································					SSISSIPPI MID KA g Back Total Depth Packer S				ANSAS GAT	HERING					
3-1-84 Casing Size Weight					3600 Internal Diameter			NONE Set at Perfo			То				
.500		15.50)	4.950		3600		Perforations 3468		3472					
Tubing Size			Weigh 4.70	nt	Internal Dia 1,995		imeter Set at 3502			Perforations OPEN		То			
Type Completion (Describe)					Type Flui		n Pump U PUMI		Init or Traveling Plunger? Yes / No PING						
Producing	_	(Ant	nulus / Tubin	g)	% (arbon	Dioxid	de		% Nitro	gen	Gas G	ravity -	G _g	
Vertical E		l)					Press	sure Taps				(Meter	Run) (I	Prover) Size	
3470			ჩ_1	0	14 R				6	11		14 8		-	
			Shut in 6-10 20												
Well on L	ine:	i	Started	2	U at			(AM) (PM)	laken		20 	at		(AM) (PM)	
	Ι		Circle one:	Pressure		OBSE	RVE	D SURFACE Casir			Tubing	Duration of Shut	-in	Hours	
Static / Dynamic Property	ynamic Size		Meter Prover Pressi psig (Pm)	Differential	lemperature Tempera		1	Wellhead P (P _w) or (P _t)	ressure	Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Duration (Hours)		rid Produced (Barrels)	
Shut-in		_						285	•			24		-	
Flow															
					 	FLOW	STR	EAM ATTRII	BUTES		T			 	
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m xh	Gravity Factor F _g		Flowing Temperature Factor F _{f1}		Deviation Factor F _{p*}		Metered Flor R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
		-		<u> </u>	(OPEN FL	OW) (DI	ELIVE	ERABILITY)	CALCUL	ATIONS					
P _c) ² =		_:	(P _w) ² =	<u>:</u>			%	-	- 14.4) +		:	(P _a) (P _d)) ² = 0.1	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: $P_c^2 - P_a^2$	1. P _c ² - P _a ² LOG of formula 2. P _c ² - P _d ² 1. or 2. and divide		2	Backpressure Curve Slope = "n" or Assigned Standard Slope		пх	roe	Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
														-	
								<u></u>							
Open Flor			1	Mcfd @ 14.	•	4-4 **		Deliverabil	<u> </u>	• • •		Mcfd @ 14.65 ps			
				n behalt of the aid report is true							=	ort and that he ha		vledge of 20 <u>14</u> .	
														c wid	
			Witness (i	fany)				_			For (Company		UN 19.	
			For Comm	ission			_	_	·		Chec	cked by		_	
														RECE!	

l de	eclare 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
	at 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 equip	oment installation and/or upon type of completion or upon use being made of the gas well herein named.
I he	ereby request a one-year exemption from open flow testing for the NORRIS *3
gas we	ll 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
	To her supulse of presidenting at a daily falls in choose of 200 mans
l fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commissio
staff as	necessary to corroborate this claim for exemption from testing.
Date: 6	S-11-2014
Jaic	
	~ ^
	Signature:
	Title: Foreman

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.

JUN 19 2014