KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				((See Instruc	tions on Re	everse Side)					
Op	en Flow				To a Day	_								
De	eliverabil	ty			Test Date 9-6&7-					No. 15 - 119-2009	2-00-00			
Company		LOEB, LLO).		Į.	, , , , , , , , , , , , , , , , , , , ,	Lease ROBE	RTS	1		BA	Well Nu	mber	
County MEADI	E	Loc C N\	ation V N		Section 33		TWP 32S		RNG (E	/W)		Acres A	ttributed	
Field ANGEL	LL	* · · · ·		•	Reservoi MORR					thering Conn	ection JKE ENERG	· ·		
Completi 3-16-72			٠.		Plug Bac 5800	k Total Dep	th	•	Packer :		τ ·	• • •	•	
Casing S 5.500	Size	Wei 15.	_		Internal I 4.950		Set 577		Perfo 562	rations 2	To 5646		 	
Tubing S 2.375	ize	Wei 4.70	_	<u> </u>	Internal I	Diameter	Set at 5676		Perforations OPEN		То		·········	
Type Cor		(Describe)				id Productio		t - :	Pump U	nit or Traveling	Plunger? Yes	/ No	· · · · · · · · · · · · · · · · · · ·	
Producing	•	Annulus / Tub	ing)		· · · · · · · · · · · · · · · · · · ·	Carbon Diox	ide ,		% Nitrog		Gas G	ravity - G	9	
Vertical E				•			sure Taps	•	7 ,.	· · ·	`	, ,	over) Size	
Pressure	Buildup:	Shut in _9	6-1								at			
Well on L	ine:	Started	Started 20											
11	1	J			-	OBSERVE	D SURFAC	E DATA		r :	Duration of Shut	-in_24	Hours	
Static / Oynamic Property	Orifice Size (inches	Meter	Circle one: Meter Prover Pressure		Temperature Temp		Head erature t Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	1 .	Liquid Produced (Barrels)	
Shut-In		haid (Lii	יי	Inches H ₂ 0	70 psig psid		psia	psig psia		24				
Flow														
						FLOW STE	REAM ATTR	RIBUTES	·					
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Gra Extension Fac √P _m xh F		tor	Flowing Temperature Factor F _{ft}	ature Factor		Metered Flor R (Mcfd)	w GOR (Cubic Fo		Flowing Fluid Gravity G _m	
					<u>. </u>			<u>. I</u>						
					•	OW) (DELIV		-) ² = 0.20	7	
(P _c) ² =		: (P _w) ²		ose formula 1 or 2:	P _d =		1	P _c - 14.4) +	14.4 = _	 :	(P _d)) ² =		
(P _c) ² - (I or (P _c) ² - (I	•	(P _c) ² - (P _w) ²		 P_c² - P_a² P_c² - P_d² ded by: P_c² - P_w² 	LOG of formula 1. or 2. and divide by:	P _c ² -P _w ²	Slo	essure Curve pe = "n" - or esigned lard Slope	n x	rog	Antilog	Deliv Equals	en Flow Perability R x Antilog Mcfd)	
			,											
		- 1												
Open Flo	w - '	•		Mcfd @ 14.6	35 psia	-	Deliverat	oility	1,,:		Mcfd @ 14.65 ps	ia		
The i	undersig	ned authority,	on b	ehalf of the	Company, s	states that h	e is duly a	uthorized to	make th	e above repo	ort and that he ha	as knowle	edge of	
the facts s	tated the	rein, and that	said	report is true	and correct	t. Executed	this the 1	4TH	day of _0	ctober .		, 2	<u> 11</u> .	
		;		-	1 y	,			Post:	21.0	Office -			
and the contract the features for such	· · · · · · · · ·	Witness	(if any	y)		·			- Luc	For	Company			
		For Cor	nmissio	on	· · · · · · · · · · · · · · · · · · ·		-			Che	cked by	_RE	CEIVED	
												OCT	1 7 201	

KCC WICHITA

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator HERMAN L. LOEB, LLC.
	t the foregoing pressure information and statements contained on this application form are true and
	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. reby request a one-year exemption from open flow testing for the ROBERTS B1
	I on the grounds that said well:
	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 fu	ther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.
	necessary to composition and chain for exemption from tooming.
staff as	0-14-11
staff as	
staff as	

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.