KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	i:				(See Instruc	tions on Reve	erse Side)					
□ Ор	en Flo	w			Test Date				A DI	No. 15				
☐ De	liverab	ilty				_: . hru 11 - 29	, 2015			007-00083	-0001			
Company HERMA		LOI	EB, LLC				Lease AUROR	A BAN	K		1-5	Well Nur	nber	
County BARBE	R		Locat NE NE	on SW NW	Section 5		TWP 35S		RNG (E/	W)		Acres A	tributed	
Field HARDT	NER	· <u>-</u> ,·		12 1	Reservoir MISSIS	SIPPIAN		<u> </u>	Gas Gat	hering Conn K	ection			
Completion 6-22-19		te			Plug Bac 4871	k Total Dep	lh		Packer S NONE					
Casing Si 5.500	ize		Weigh 14.00		Internal D 5.012	Diameter	Set at 4871	_	Perfo 479	rations	то 4799			
Tubing Si 2.375	Tubing Size Weight 2,375 4,70			it	Internal I 1.995	Diameter				Perforations To OPEN			-	
Type Con SINGLE		n (De	escribe)			Type Fluid Production GAS, OIL, WATER				Pump Unit or Traveling Plunger? Yes / No PUMPING				
Producing ANNUL	-	(Ani	nulus / Tubin	g)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gr	avity - G	g	
Vertical D	epth(F	1)				Pres	sure Taps				(Meter	Run) (Pro	over) Size	
Pressure	Buildu	p:	Shut in 11-	28 2	0 15 at 9:	00 AM	(AM) (PM) 1	aken 11	-29	20	15 at 9:00 A	M_ (/	AM) (PM)	
Well on L	ine:		Started	2	ts0		(AM) (PM) T	aken		20	at	(/	AM) (PM)	
			r	1		OBSERVE	D SURFACE		<u> </u>	· ·	Duration of Shut-	_{in_} 24	Hours	
Static / Dynamic Property	namic Size		Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Welthe	fubing ad Pressure (P _t) or (P _c) psia	D∎ration (Hours)		Liquid Produced (Barrels)	
Shut-In							30				24			
Flow												l.,		
			·			FLOW STR	EAM ATTRIE	BUTES						
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension	Grav Fac F	tor	Temperature Fa		viation Metered Fit actor R F _{pv} (Mcfd)		w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
				<u></u>										
(P _c) ² =		:	(P _w) ² =	· :	(OPEN FLO	• •	ERABILITY)	CALCUL - 14.4) +		:	(P _a) (P _d)	² = 0.20 ² =	17	
(P _c) ² - (F	P _A }²	(F	2 _c) ² -(P _w) ²	Choose famula 1 or 2 1. P _o ² -P _a ² 2. P _o ² -P _o ² divided by: P _o ² -P _a ²	LOG of formula	P _c ² -P _w ²	Backpress Slope	sure Curve = "n" or gned	n x	Log [Antilog	Ope Deliv Equals	en Flow verability R x Antilog (Mcfd)	
Occas Flor				14-44 @ 14	CF sole		Dalásasahili				14 de 44 or			
Open Flor				Mcfd @ 14.	·		Deliverabil				Mcfd @ 14.65 ps			
											ort and that he ha		-	
the facts s	tated t	herei	in, and that s	aid report is true		t. Executed		<u>IH</u>	day of <u>D</u>	ECEMBER	/	,2	o <u>15 </u>	
			Witness	if any)		EC 16	_	>	y/an	For C	Company			
	_		For Com	nission		RECEI	VED _			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 AURORA BANK #1-5 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. Date: 12-13-2015 KCC WICHITA Signature: Alacudate DEC 1 6 2015 Title: REP. HERMAN L. LOEB, LLC
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Date: 12-13-2015 KCC WICH!TA Signature: Lath
KCC WICH!TA Signature: San Sall
DEC 10 2045 THE REP HERMANI LOER LLC
DEC 1 & 2015 Title: REP. HERMAN L. LOEB, LLC
RECEIVED

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.