## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:				(	'See Instruc	ctions on Rev	erse Side	e)					
Op	en Flo	w			Total Date				ADI	No de				
Deliverabilty					Test Date: 12-6 thru 12-7, 2015				API No. 15 15-007-20402-00-00					
Company HERMAN L. LOEB, LLC					Lease AXLINE B				2			Well Number		
County Location BARBER C W2 E2 SW			Section 8		TWP 31S		RNG (E/W) 11W		Acres Attributed		Attributed			
Field ILS				Reservoir MISSISSIPPIAN			Gas Gathering Connection LUMEN			- 18				
Completion Date 4-15-1976			Plug Bac 4397	Plug Back Total Depth 4397			Packer Set at NONE				···			
Casing Size Weight 4.500 10.50			Internal I 3.927	Diameter	Set at 4395		Perforations 4328		To 4346					
Tubing Size Weight 2.375 4.70			Internal E 1.995	Diameter	Set at 4356		Perforations OPEN		То	То				
Type Completion (Describe) SINGLE				Type Flui	Type Fluid Production GAS, WATER				Pump Unit or Traveling Plunger? Yes / No PUMPING					
Producing	-	(Anı	nulus / Tubin	g)	% C	Carbon Diox	ide		% Nitrog	en	Gas Gr	avity - (	3,	
Vertical D		I)				Pres	ssure Taps				(Meter	Run) (P	rover) Size	
Pressure	Buildu	p:	Shut in	6 2	15 at 9:	:00 AM	. (AM) (PM)	Taken_12	2-7	20	15 at 9:45 A	M (	(AM) (PM)	
Well on L	.ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(	(AM) (PM)	
						OBSERVE	ED SURFACE	DATA			Duration of Shut-	in 24	Hours	
Static / Orifi Dynamic Siz Property (inch		.e Prover Pressure		Pressure Differential ure in	Flowing Temperature		emperature Wellhead P		Wellhe	ubing ad Pressure (P <sub>c</sub> ) or (P <sub>c</sub> )	Duration (Hours)	, ,	Liquid Produced (Barrels)	
Property Shut-In	(Inch		psig (Pm)	Inches H <sub>2</sub> 0	t -	t	psig 90	psia	psig	psia	24		·	
Flow										-		<del>                                     </del>		
			·			FLOW STE	REAM ATTRI	BUTES				<u> </u>		
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> xh	Grav Fact F <sub>c</sub>	tor	Flowing Deviation Factor Fig. Fig.		etor R		w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	::	-		<b>/ERABILITY)</b> % (P,		ATIONS 14.4 =	:	(P <sub>e</sub> )	<sup>2</sup> = 0.2 <sup>2</sup> =	07	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> )²- (P <sub>w</sub> )²		Choose formula 1 or 2  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$	LOG of fermula L or 2. and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Backpressure Curve Slope = "n"		n x i OG		C Antilog De		pen Flow iverability R x Antilog (Mcfd)	
-														
Open Flo	w			Mcfd @ 14.	.65 psia		Deliverabil	lity			Mcfd @ 14.65 ps	ia		
										e above repo ECEMBER	ort and that he ha			
ine racts s	tated t	nerei	in, and that s	aid report is true			this the <u>19</u> CHITA	<u> </u>	day of $\frac{D}{A}$	1/2	<u>-</u>	, i	<sub>20</sub> <u>15</u> .	
			Witness	(if any)		EC 16	_		<u> </u>	For	Company			
			For Com	nission		RECE	IVED _			Che	cked by			

	nder the laws of the state of Kansas that I am authorized to request 04 on behalf of the operator HERMAN L. LOEB, LLC
	ation 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
	on from open flow testing for the AXLINE B 2
gas well on the grounds that said well:	
is on vacuum at the p is not capable of proc	lift due to water gas for injection into an oil reservoir undergoing ER resent time; KCC approval Docket No ducing at a daily rate in excess of 250 mcf/D of my ability any and all supporting documents deemed by Commission
KCC WICHITA DEC 1 6 2015 RECEIVED	Signature: Alan tratta  Title: REP. HERMAN L. LOEB, LLC

## 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.