## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				6	See Instruct	ions on Rev	erse Side	)				
Op	en Flo	w			Test Date	<b>.</b>			API	No. 15			
De	liverab	ilty				 ru 11-23, 2	2014			007-10284-0	00-00		
Company HERMA		OE	B, LLC				Lease CARTE	₹			2	Well Nu	mber
County BARBE	R		Location C NE S		Section 11		TWP 33S		RNG (E 13W	/W)		Acres A	Attributed
Field MEDICII	NE LO	DG	E		Reservoir MISSIS	SIPPIAN			Gas Gai	thering Conn K	ection		
Completic 7-24-194		e	-		Plug Bac 4576	k Total Dept	th		Packer S NONE				
Casing S 7.000	ize		Weight 24.00		Internal E 6.336	Diameter	Set at <b>4428</b>		Perforations 4426		то 4576		
Tubing Si 2.375	ize		Weigh 4.70	<u> </u>	Internal D 1.995	Diameter	Set at 4576		Perforations OPEN		То		
Type Con		n (Di	escribe)			d Production	n		Pump U	nit or Traveling /ING	Plunger? Yes	/ No	
Producing		(Ani	nulus / Tubing	)	% C	Carbon Dioxi	de	-	% Nitrog	jen	Gas G	ravity - (	3,
Vertical D		<del>(</del> )			<u> </u>	Pres	sure Taps				(Meter	Run) (P	rover) Size
Pressure	Buildu	p:	Shut in 11-2	22 2	0_14 at_1	:50 PM	(AM) (PM)	Taken 11	-23	20	14 at 1:50 F	PM	(AM) (PM)
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken	**	20	at		(AM) (PM)
				-, -		OBSERVE	D SURFACE	DATA			Duration of Shut	<sub>in</sub> 24	Hours
Static / Dynamic	Orifi Siz	e	Circle one: Meter Prover Pressu	Pressure Differential		Well Head Temperature	Weilhead I	Tubing Pressure Wellhead Pressure Or $(P_c)$ $(P_w)$ or $(P_1)$ or $(P_c)$ $(Hours)$			d Produced Barrels)		
Property	(inch	es) 	psig (Pm)	Inches H <sub>2</sub> 0	- 1	1	psig	psia	psig	psla	, ,	<u> </u>	
Shut-In				-			77			<u> </u>	24	<b>├</b> -	
Flow									<u> </u>			ــــــــــــــــــــــــــــــــــــــ	
<del></del>	<del></del>				<del></del>	FLOW STR	EAM ATTRI	BUTES		<del></del>	<del>   </del>		<del></del>
Plate Coeffied (F <sub>b</sub> ) (F Mcfd	ient ,)	Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P <sub>m</sub> ×h	Grav Fact	tor	Flowing femperature Factor F <sub>11</sub>	Fa	iation ctor : pv	Metered Flow R (Mcfd)	W GOR (Cubic For Barrel		Flowing Fluid Gravity G <sub>m</sub>
			-		1								
	1	-			(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(Pa	) <sup>2</sup> = 0.2	 :07
(P <sub>c</sub> )² =	<del></del>	_:_	(P <sub>w</sub> ) <sup>2</sup> =		P <sub>d</sub> =		% (P	<sub>a</sub> - 14.4) +	14.4 = _	<del>:</del>	(P <sub>d</sub>	)² =	
(P <sub>a</sub> )² - (i or (P <sub>o</sub> )² - (i	-	(F	<sup>2</sup> c)²- (尸 <u>#</u> )²	1. P <sub>c</sub> <sup>2</sup> -P <sub>c</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> -P <sub>c</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide	P.2. P.2	Stop	sure Curve e = "n" or igned	nx	rog	Antilog	Del Equals	oen Flow iverability : R x Antilog (Mcfd)
				divided by: P <sub>c</sub> <sup>2</sup> ~P <sub>w</sub>	by:	<u> </u>	Statitus	ird Slope	+			<del>                                     </del>	
			<u>.</u> _										
Open Flor	w			Mcfd @ 14.	65 psia		Deliverabi	lity	_		Mcfd @ 14.65 ps	ia	
		•	•				-			=	ort and that he h		=
the facts s	tated t	herel	n, and that sa	id report is true	e and correc				In	DECEMBER		<b>1</b>	20 <u>14</u> .
			Witness (ii	any)			WICH	•	an 1	NAME FOR	Company		
	_	_	For Comm	ssion			6 2014			Che	cked by		
						RE(	CEIVED	)					

exempt status under Rule and that the foregoing pre- correct to the best of my known of equipment installation as	ty of perjury under the laws of the state of Kansas that I am authorized to request K.A.R. 82-3-304 on behalf of the operator HERMAN L. LOEB, LLC essure information and statements contained on this application form are true and nowledge and belief based upon available production summaries and lease records and/or upon type of completion or upon use being made of the gas well herein named. E-year exemption from open flow testing for the CARTER 2
gas well on the grounds th	aat said well:
is cycle is a sou is on va	albed methane producer ed on plunger lift due to water urce of natural gas for injection into an oil reservoir undergoing ER acuum at the present time; KCC approval Docket No eapable of producing at a daily rate in excess of 250 mcf/D
	oly to the best of my ability any and all supporting documents deemed by Commission oborate this claim for exemption from testing.
Date: 12-11-2014	
KCC WIC DEC 16 2 RECEIV	2014 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.