KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				0	See Instruc	tions on Rev	rerse Side)					
□ Ор	en Flo	W			Test Date				ΔDI	No. 15				
De	liverab	ilty				, u 11-10, 2	014			007-20501-0	00-00			
Company		OE!	3, LLC				Lease MCKEE		7.		8	Vell Nu	mber	
County BARBER	₹		Locati NW NE		Section 21		TWP 32S	-	RNG (E/ 13W	W)	,	Acres A	ttributed	
Field MEDICH	NE LC	DG	E-BOGGS		Reservoir MISSIS:	SIPPIAN			Gas Gat ATLAS	hering Conn	ection			
Completic		e	<u>-</u>		Plug Bac 4638	k Total Dep	th		Packer S NONE	Set at			•	
Casing S 5.500	ize	Weight 14.00			Internal Diameter 5.012		Set at 4580		Perforations 4580		To 4638			
Tubing Si	ize		Weigh	it	Internal D	Diameter	Set a		Perfo	rations	То	То		
2.375 Type Con	nnlatio	n /D/	4.70		1.995	d Production	4582	<u> </u>	Dump Hr	nit or Traveling	Diuppor? Voc	/ No		
SINGLE		ויין) ויו	asciid <i>e)</i>			NATER	41			ING UNIT	i Fidilgeti Tes	, 140		
Producing	•	(Anı	nulus / Tubin	9)	% C	arbon Dioxi	ide		% Nitrog	en	Gas Gra	avity - C	àg	
Vertical E	epth(F	i)				Pres	sure Taps				(Meter F	Run) (P	rover) Size	
Pressure	Buildu	n:	Shut in 11-	9 2	0 14 at 1	1:45 AM	(AM) (PM)	Taken 11	-10	20	14 _{at} 11:45	AM ,	AM) (PM)	
Well on L		-									at			
-					-	OBSERVE	D SURFACE	DATA	_		Duration of Shut-	_{in} _24	Hours	
Static / Dynamic Property	Orifi Siz (inch	е	Circle one: Meter Prover Pressu	Pressure Differential in	Flowing Temperature t	Well Head Temperature t	Casi Welihead I (P_) or (P,	Pressure	Wellhe	fubing ad Pressure r (P _c) or (P _c)	Duration (Hours)		d Produced Barrels)	
Shut-In	(IIICII	ca)	psig (Pm)	Inches H ₂ 0	<u> </u>	'	psig 9	psia	psig	psia	24			
Flow										1	-			
_					<u>.</u>	FLOW STF	REAM ATTRI	BUTES	<u> </u>			·		
Plate Coefficci (F _b) (F Mcfd	ient ,)	Pro	Circle one: Meter or ver Pressure psla	Press Extension ✓ P _m xh	Grav Fact	tor	Flowing Temperature Factor F _{II}	Fa	ation ctor	Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)	eV	Flowing Fluid Gravity G _m	
								<u> </u>						
					(OPEN FL	OW) (DELIV	/ERABILITY)	CALCUL	ATIONS		(P _a) ³	= 0.2	07	
(P _c) ² =	- 1	_:_	(P_)2 =	Choose formula 1 or 2	P _d =	 '	% (P	_c - 14.4) +	14.4 =	:	(P _d):	<u> =</u>		
(P _e) ² - (F	- 1	(P	(P _w) ² - (P _w) ²	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^3$	LOG of formula 1, or 2. and divide	P _c ² -P ₂ ²	Stop	ssure Curve ie = "n" or signed ard Slope	n x l	rog	Antilog	Deli Equals	en Flow iverability . A x Antilog (Mcfd)	
			_							-				
						_	<u></u>							
Open Flor	w		<u>.</u>	Mcfd @ 14.	65 psia	_	Deliverabi	ility			Mcfd @ 14.65 psi	a		
		-	•				•			ne above repo ECEMBER	ort and that he ha		ledge of 20 14 .	
uie iacis si	iated ti	ierei	n, and that se	aid report is true					•	/ /	/	, ì		
			Witness (i	fany)		KCC V	VICHII	W C	<u>, , , , , , , , , , , , , , , , , , , </u>	ration	Company			
			For Comm	ission		DEC 1	6 2014-			Che	cked by			

RECEIVED

exempt status under Rule K.A.R. 82-3-3 and that the foregoing pressure inform correct to the best of my knowledge and of equipment installation and/or upon ty	under 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 I belief based upon available production summaries and lease records be of completion or upon use being made of the gas well herein named.
i nereby request a one-year exempt gas well on the grounds that said well:	ion from open flow testing for the MCKEE 8
is on vacuum at the p	
I further agree to supply to the best staff as necessary to corroborate this c	of my ability any and all supporting documents deemed by Commission laim for exemption from testing.
Date: 12-11-2014	
KCC WICHITA DEC 1 6 2014 RECEIVED	Signature: <u>Han Valle</u> 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.