KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instru	ctions on Re	verse Side)					
	en Flor				Test Date):			API I	No. 15				
De	liverab	ilty			6-13&14	1-2015			15-1	55-20539-0	00-0			
Company HERMA!		OE	3,LLC.				Lease SOPER	₹				#2 __ \	Vell Nu	mber
RENÓ NW S		Location NW SW			TWP 25S			RNG (E/W) 4W			Acres Attributed		ttributed	
Field FRIEND	SHIP				Reservoir MISSIS					ering Conn NSAS GAT				
Completic 10-12-19		e	7		Plug Bac 3608	k Total De	pth		Packer Se NONE	et at				
Casing Si 5.500	ize		Weigh 15.50		Internal D 4950	Diameter	Set 403		Perfora 3564			то 3570		
Tubing Si 2.375	ze		Weigh 4.70		Internal D 1,995	Diameter	Set 350		Perfora			То		
Type Com		ı (De	escribe)			d Production	on		Pump Uni PUMPI		Plur	nger? Yes	/ No	
Producing		(Anı	nulus / Tubing)	····	arbon Dio	xide	· · · · · · · · · · · · · · · · · · ·	% Nitroge	n		Gas Gra	avity - C	i _g
Vertical D		i)				Pre	ssure Taps					(Meter F	Run) (Pi	over) Size
Pressure	Buildu	p:	Shut in 6-1	3 2	0_15_at_7		_ (AM) (PM)	Taken 6-	14	20	15	at_7	(AM) (PM)
Well on L	ine:		Started	2	0 at		_ (AM) (PM)	Taken		20		at	(AM) (PM)
						OBSERV	ED SURFAC	E DATA			Dura	ation of Shut-i	n	Hours
Static / Orifice Dynamic Size Property (inches)		ө	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential re in Inches H ₂ 0	Flowing Well He Temperature t		wellhead Pressure $(P_w) \text{ or } (P_t) \text{ or } (P_c)$		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)					i Produced Barrels)
Shut-In			paig (Fili)	Inches H ₂ O			psig 185	psia	psig	psia	24			
Flow														
<u></u>						FLOW ST	REAM ATT	RIBUTES	1	1 .				
Plate Coeffieci (F _b) (F Mcfd	ient _p)	Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m x h	Grav Faci F _c	tor	Flowing Temperature Factor F _{ft}	Fa	riation actor	Metered Flow R (Mcfd)	w	GOR (Cubic Fee Barrel)	at/	Flowing Fluid Gravity G _m
				<u> </u>	(OPEN FL	OW) (DELI	VERABILITY	A CALCUI	ATIONS					
(P _c) ² =	 -	<u>_:</u>		:	P _d =			•	14.4 =			(P _d) ²	= 0.2	
(P _c) ² - (F or (P _c) ² - (F	[(F	P _c) ² - (P _w) ²	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1, or 2. and divide	P _c ² -P _w ²	S10	essure Curve pe = "n" or ssigned dard Slope	l n x Le	og [Antilog	Deli Equals	en Flow verability R x Antilog Mcfd)
							_							
Open Flo	L w			Mcfd @ 14.	65 psia		Delivera	oility			Mofd	@ 14.65 psid	a	
The ι	undersi	gned	d authority, or	behalf of the	Company, s	tates that	he is duly a	uthorized to	o make the	above repo	rt an	d that he ha	s know	edge of
the facts st	tated th	nerei	n, and that sa	id report is true	e and correc	t. Execute	d this the 1	4	day of JU	NE			, 2	20 15 .
			Witness (ii	anvl			WICH			Ford	Sompai	Ble		
			For Commi			JUL	27 2015				cked b			
						RE	CEIVE)		2.10	;	•		

			te of Kansas that I am autho or_HERMAN L. LOEB, LLC	rized to request			
			ntained on this application fo	rm are true and			
correct to the best o	of my knowledge and	belief based upon avail	able production summaries an	id lease records			
• •		e of completion or upon on from open flow testir	use being made of the gas we g for the _SOPER #2	II herein named.			
gas well on the gro		·					
(Check o	ne)						
· —	s a coalbed methane	producer					
H	s cycled on plunger l	ift due to water					
is a source of natural gas for injection into an oil reservoir undergoing ER							
	s on vacuum at the p	resent time; KCC appro	val Docket No				
√	s not capable of prod	lucing at a daily rate in	excess of 250 mcf/D				
I further agree	to gunnly to the heat	of my obility any and al	supporting documents deem	ad by Cammissian			
_		aim for exemption from		ed by Commission			
stan as necessary	o corroborate trus ca	am for exemption from	testing.				
Date: 6-14-2015							
JL	C WICHITA IL 27 2015 RECEIVED	Signature:	Supt.				

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.