**RECEIVED** 

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

Type Test	:			•	.(	See Instru	ctions on Re	everse Side	9)		·			
Ор	en Flov	٧		-	Test Date	٠			A DI P	No. 15				
<b>√</b> De	liverabi	lty			12/04/13					75-20423-0	00-00	•		•
Company Linn Ope		Inc			-		Lease HCU	•				2711-B	Well Nu	mber
County Hamilton	1		Location NE	า	Section 27	3.	TWP 21S		RNG (E/V	<b>V</b> )			Acres A	\ttributed
Field Bradsha	w				Reservoir Winfield					ering Conn ield Servic				
Completic 2/9/90	on Date	)			Plug Bac	k Total De	pth		Packer Se	et at		1	,	
Casing Si 4.5	ize	•	· Weight , 9.5		Internal [ 4.090	Diameter	Set <b>27</b> 2		Perfora 2758			To 2767'		
Tubing Size 2 3/8			Weight 4.7			Diameter		Set at Perforations 2341'		ations		То	;	•
Type Con Single (	Gas				Type Flui Gas - \	d Producti <b>Vater</b>	on		Pump Uni Pump	t or Traveling	Plunge	r? Yes <b>Ye</b> s		
Producing Annulus		(Anr	nulus / Tubing)		% C	arbon Dio	xide		% Nitroge	n .		Gas Gra	avity - (	ag .
Vertical D	epth(H	)			t		essure Taps nge		٠.	:		(Meter F 2.067'		rover) Size
Pressure	Buildu	o: \$	Shut in 12/0	3 2	13 at 1	1:00 AM	_ (AM) (PM)	Taken 12	2/04	20	13 at	11:00 A	AM_	(AM) (PM)
Well on L			Started		0 at		_ (AM) (PM)	Taken		20	<u></u> at	-		(AM) (PM)
						OBSERV	ED SURFAC	E DATA			Duratio	n of Shut-i	<sub>n</sub> _24	Hours
Static / Orifice Dynamic Size Property (inches)		Circle one:  Meter  Prover Pressure  psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	perature Temperature		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			paig (1 iii)	inches H <sub>2</sub> O			psig 75	89.4	Pump	psia	24			
Flow				,		• • • • •					·			
						FLOW ST	REAM ATT	RIBUTES						
Plate Coeffiec (F <sub>b</sub> ) (F Mcfd	ient		Circle one: Meter or ver Pressure psia	Press Extension P <sub>m</sub> x h	Grav Fac F	tor	Flowing Temperature Factor F <sub>ft</sub>	Fa	riation actor = pv	Metered Flow R (Mcfd)	v .	GOR (Cubic Fee Barrel)	et/	Flowing Fluid Gravity G <sub>m</sub>
										-				
•						- 1	VERABILITY	•		•		(P <sub>a</sub> ) <sup>2</sup>	= 0.2	07
(P <sub>c</sub> ) <sup>2</sup> =		_ :	(P <sub>w</sub> ) <sup>2</sup> =		P <sub>d</sub> =		_% (	P <sub>c</sub> - 14.4) +	14.4 =	<u> </u>		(P <sub>d</sub> ) <sup>2</sup>	=	
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F	P <sub>a</sub> ) <sup>2</sup>	(P	(P <sub>w</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. P <sub>c</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide	D2_D2	Sic	essure Curve ope = "n" or ssigned	nxL	og	An	itilog	Del Equals	oen Flow iverability o R x Antilog
			di	vided by: $P_c^2 - P_w$		C W	Stand	dard Slope						(Mcfd)
								F						
Open Flor				Matel @ 14	CE pois		Doliverel	L III.		* 1	M-4-1 @	14.05 ===	L	7
Open Flor				Mcfd @ 14.	,		Deliveral					14.65 psi		
			I authority, on n, and that said			٠.			o make the		ort and t	nat he ha		ledge of 20 13 20 20 20 20 20 20 20 20 20 20 20 20 20
			•		. :	,	-	Sh	en	Hi	eure	W-		•
			Witness (if a	ny)						For	Company	K	CC	WICHI <sup>1</sup>
•			For Commiss	sion		•				Che	cked by	P	EC	4 9 2012

	•		,
	enalty of perjury under the laws oule K.A.R. 82-3-304 on behalf of th		uthorized to request
and that the foregoing correct to the best of n of equipment installati	pressure information and statem by knowledge and belief based upon and/or upon type of completion one-year exemption from open flo	nents contained on this application available production summarior upon use being made of the ga	es and lease records
gas well on the ground	•		
is a	coalbed methane producer cycled on plunger lift due to water a source of natural gas for injection on vacuum at the present time; KC out capable of producing at a daily supply to the best of my ability any corroborate this claim for exemptic	C approval Docket No rate in excess of 250 mcf/D v and all supporting documents of	<u> </u>
Date: <u>/2/5//</u>	3		
	Signature:	• •	
	. Title: _ <del>S</del>	Regulatory Compliance Advisor	

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.

DEC 13 2013