RECEIVED

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

Type Test:	:				(	See Instruc	tions on Re	verse Side	e)				
Opr	en Flo	w			Test Date				ADI	No. 15			
<b>√</b> Del	liverab	ilty			12/04/13		•			)75-20757-(	00-00		
Company Linn Ope		g Inc					Lease HCU				. 3311	Well Nu -B	ımber
County Hamilton	1		Location SW NE		Section. -33		TWP 21S		RNG (E/\ 41W	W)		Acres 640	Attributed
Field Bradshav	w				Reservoir Chase	·.				nering Conn Field Servic			
Completic 8/29/01	on Dat	e			Plug Bac 2873	k Total Dep	oth		Packer S	et at			
Casing Si 4.5	ize		Weight 10.5		Internal E 4.052	Diameter	Set a <b>29</b> 1		Perfor 2765	ations 5' .	то 2778	3'	
Tubing Size 2 3/8	ze		Weight 4.7		Internal D 1.995	Diameter	Set a 282		Perfor	rations	То		
Type Com Single C	Gas				Type Flui Gas - \	d Productio <b>Nater</b>	on		Pump Un Pump	it or Traveling	Plunger? Ye	s / No 'es	
Producing Annulus		(Anr	nulus / Tubing	)	% C	arbon Diox	ide		% Nitroge	en	Gas ( .786	Gravity - 66	G <sub>g</sub>
Vertical D	epth(F	H)				Pres	ssure Taps						rover) Size
2771						Flar	ige				2.07	'0	
Pressure	Buildu			<i>'</i> a							13 at 11:00		(AM) (PM)
Well on Li	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)
						OBSERVI	ED SURFAC	E DATA			Duration of Sh	<sub>ut-in</sub> _24	Hours
Static / Dynamic Property	Orifice Size (inches)		Circle, one:  Meter  Prover Pressui  psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well Head Temperature t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration L (Hours)		id Produced Barrels)
Shut-In			paig (i iii)	Inches H <sub>2</sub> O			psig 35	psia 49.4	Pump	psia	24		
Flow						:							·
I			·			FLOW ST	REAM ATTR	IBUTES	1				
(F₀) (F	Coeffiecient		Circle one:  Meter or  Prover Pressure  psia  Pre  Pre  Exten  Pre  Pre  Pre  Pre  Pre  Pre  Pre  P		Grav Fac F <sub>s</sub>	or Temperature		Fa	Deviation Metered FI Factor R F <sub>pv</sub> (Mcfd)		ow GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>
***************************************													
(P <sub>c</sub> ) <sup>2</sup> =		:	. (P <sub>w</sub> ) <sup>2</sup> =_	· :	(OPEN FL		VERABILITY % (F	') CALCUL <sup>⊃</sup> 。- 14.4) +		:		$(a_a)^2 = 0.2$	207
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F	•	(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	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 <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Slo  As	essure Curve pe = "n" - or signed lard Slope	n x t	.og	Antilog	De	pen Flow liverability s R x Antilog (Mcfd)
Open Flov	w			Mcfd @ 14	.65 psia		Deliverat	oility			Mcfd @ 14.65	osia	
			d								· · · · · · · · · · · · · · · · · · ·		de de contra
		•		i benair of the id report is tru	, ,	٠.	_		o make th day of _D		ort and that he		20 <u>13</u> .
			•					Mi		LL'	11.	,	
			. Witness (if	any)		<del></del> .	1	NIV	- Con	Foir	Company	KCC	WICH

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exemp	t status under Rule K.A.R. 82-3-304 on behalf of the operator Linn Operating, Inc.
and th	at the foregoing pressure information and statements contained on this application form are true and
correc	to the best of my knowledge and belief based upon available production summaries and lease records
	pment installation and/or upon type of completion or upon use being made of the gas well herein named.
۱h	ereby request a one-year exemption from open flow testing for the HCU 3311-B
gas we	ell on the grounds that said well:
	(Check one)
	is a coalbed methane producer
	is cycled on plunger lift due to water
	is a source of natural gas for injection into an oil reservoir undergoing ER
	is on vacuum at the present time; KCC approval Docket No.
	✓ is not capable of producing at a daily rate in excess of 250 mcf/D
1 £.	irther agree to supply to the best of my ability any and all supporting documents deemed by Commission
	s necessary to corroborate this claim for exemption from testing.
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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 **KCC WICHITA**