## Form G-2 (Rev 8/98)

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

(See Instructions on Reverse Side)

TANG LEST.	•										•					
	Open Delive		/ ity <b>WHS</b> I	P		Test Date:	1	1/4/11					API No.	15-075-20	593	-0000
Company	LINN	OP	ERATING	. INC.				Le	ease	Н	CU	•	and the second		V	ell Number 2421-C
County			Location	,		Section		TV	NP			RNG (E.	W)		A	cres Attributed
НА	MILT	NC		NW	NW		24			228		•	41W			
Field	RADSH			···	* *************************************	Reserve		Vinfiel	d	············	· · · · · · · · · · · · · · · · · · ·	Gas (	Sathering Cor Oneok Fiel			
Completion				-	Plu	g Back Total						Pack	er Set at			
	8/96					2791'										
Casing Size Weight		Weight			ernal Diamete "4.090	r Se		et at	t at 2836'		Perforations			То	07001	
4-1/2"		Weight	9.50								Perforations		2653'	т.	2720'	
Tubing Siz	:e 3/8"		vveignt	Internal Diame 4.7 1.995						2762'			Periorations	5	То	
Type Com		(Des	scribe)		Tvi	e Fluid Prod	uction		····		·	Pumr	Unit or Trav	eling Plunger?	,	Yes / No
	ngle G				- • •	Gas - \							Pun			Yes
Producing	Thru (		lus/Tubing	)	%0	Carbon Dioxid	le		***********			% Nit	rogen		Gas	Gravity - G.
	nulus	`					Decade	ure Ta				·		(8.6	4 F	0.785
Vertical De		,						lange						(IVIE	ter R	dun)(Prover) Size 2.067"
Pressure E	Buildup	:	Shut In	1	1/3	20 <u>11</u> at	9:45	(A	M)/PM	4	Taken	11/	420	<u>11</u> at <u>9</u>	:45	(AM <del>)(PM)</del>
Well on line:			Started			_ 20 at		(AN						at		(AM)(PM)
				-					SURF		DATA			Duration of S		
	1		Circle or	ne:	Pressure	T	T		Γ	Cas			Tubing	T		
Static/	Orif		Meter		Differential	Flowing		Head			Pressure		ead Pressure	Duration		Liquid Produced
Dynamic Property	Siz		Prover Pre psig		in (h) Inches H <sub>2</sub> 0	Temperature t	Tempe		psig		1) or (P <sub>C</sub> ) psia	(P <sub>W</sub> ) o	or (P <sub>1</sub> ) or (P <sub>C</sub> )	(Hours)		(Barrels)
Shut-In			F*-5		11011001120				<del>                                     </del>	3.0	72.4	Pump	<del> </del>	24.0		
Flow	1								<u> </u>							
	1					<u> </u>	FLOW	STRE	LT	TPIR	ITES		<u> </u>	<b></b>		İ.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Plate	<del></del>	<del></del>	Mater	T	D	1	T	Flow		IKID	UILS	·····		Γ		
	ent	Р	Meter ressure		Press. Extension	Gravity Factor		Tempe		ı	Deviation	Me	etered Flow	GOR		Flowing
	Coefficient P (F <sub>b</sub> )(Fp) Mcfd		psia ·	١.,		Fg		Fac		Factor		R		(Cubic Feet/		Fluid
IVICIO				4	P <sub>m</sub> x H <sub>w</sub>			F	ft		F <sub>DV</sub>	1.	(Mcfd)	Barrel)		Gravity G <sub>m</sub>
													·			
				<u> </u>		(OPEN FLO	OW) (D	ELIVE	RABIL	.ITY) (	CALCULA	ATIONS		<u> </u>		<u>L</u>
														(Pa)	<sup>2</sup> =	0.207
(P <sub>c</sub> ) <sup>2</sup> =		(F	(w) <sup>2</sup> =		: P <sub>d</sub> =	=	%		(P <sub>c</sub> - 1	14.4) +	- 14.4 =		:	(Pa)	<sup>2</sup> =	<u> </u>
(2.)2 (2	ا و		2 12 12		52 52	Γ.,		٦٦	Daakas		Curus		[ ,,2, ,,2	H		Ozen Flour
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>i</sub>	a) <sup>-</sup>	(Ρ,	(P <sub>w</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	_	P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup>	LOG CF	c) <sup>2</sup> -(P <sub>a</sub> ) <sup>2</sup>	-	Backpre	essure	Curve	nxLOG	$\frac{(P_c)^2 - (P_a)^2}{}$	Antilog		Open Flow Deliverability
·				(F	$(P_{c})^{2} - (P_{w})^{2}$	(P	c) <sup>2</sup> -(P <sub>w</sub> )	2	Sic	ope = "r	า"		$(P_c)^2 - (P_w)^2$			Equals R x Antilog
						L		4					Ŀ.	<u>'</u>		
														1	$\dashv$	
			<del></del>	<del>                                     </del>												
Open Flow	·\- /			Mcfd	@ 14.65 ps	ia		De	eliverat	oility		- I	Mcfo	d @ 14.65 psi	<del>'</del> a	
		<del></del>				·										
														hat he has kn		dge of the facts
stated ther	iein, ar	ia tha	at sald repo	nt is tri	ue and corre	ect. Executed	ı mıs ti	ie	7th	<u>'</u> '	day of	7	ovember	00.	20	011
<u></u>			14.00							<u> </u>	<u>~ *</u>	C.#	mylas	<u>Wy</u>	<del>} [***</del> *	·
			vvit	ness (if	any)						,	•	Lot Coul	pany :	ハロ	EIVED
			For	Commis	ssion			<del></del>					Checked	Гбу	EC	0 5 2011

•										
I decla	are under penalty of perjury under the laws of the State of Kansas that I am authorized to request									
exempt status u	inder Rule K.A.R. 82-3-304 on behalf of the operator LINN OPERATING, INC.									
and that the fore	egoing information and statements contained in this application form are true and									
correct to the be	est of my knowledge and belief based upon available production summaries and lease records									
of equipment ins	stallation and/or upon type of completion or upon use being made of the gas well herein named.									
I here	by request a one-year exemption from open flow testing for the HCU 2421-C									
gas well on the	grounds that said well:									
	(Check one)									
	is a coalbed methane producer									
	is cycled on plunger lift due to water									
H	is a source of natural gas for injection into an oil reservoir undergoing ER									
一	is on vacuum at the present time; KCC approval Docket No.									
X	is incapable of producing at a daily rate in excess of 250 mcf/D									
	o supply to the best of my ability any and all supporting documents deemed by Commission ary to corroborate this claim for exemption from testing.									
Date:	11/7/2011									
7										
	Signature: Title: Regulatory Specialist									
	ride. Regulately openialist									

## 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 obtain exempt status for the gas well.

At some point during the succeeding calendar year, wellhead shut-in pressure shall have been measued 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 from 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. it was a verified report of test results.