Form G-2 (Rev 8/98)

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test.													
	Open Flow Deliverability WHSIP		P	Test Date: 10/2		21/12		API No.		15-075-30092 - 4000			
Company LINN OPERATING, INC.			. INC.			Lease	Н	CU				W	feil Number 2230 - C
County Location			·	Section			TWP		RNG (E/W)				cres Attributed
HAMILTON NE			NE	22			23\$			40W			
Field BRADSHAW				Reservoir Win			ifield			Gas Gathering Connection Oneok Field Services			
Completion Date 12/14/64			Р	Depth				Packe	r Set at				
Casing Size Weight		Internal Diameter 9.50 4.090"			Set at				Perforation	s	To		
4-1/2"			9.50	2489'			9'	2476				2483'	
Tubing Size Weight 2-3/8"		Weight	In						Perforation	S	То		
	-		4.7	1.995			2480	<i>y</i>					
Type Completion (Describe) Single Gas				Type Fluid Production Gas - Water					Pump Unit or Traveling Plun Pump				Yes / No Yes
	Thru (Anni nulus	ulus/Tubing)	%	Carbon Dioxid	ie				% Nitro	ogen		Gas	Gravity - G _a 0.775
Vertical De 247					Pressure Flan	• •			-		(M	eter R	tun)(Prover) Size 2.067"
Pressure Buildup: Sh		Shut In	10/20	20 <u>12</u> at <u>10:30</u>		_(AM) (PM) Ta		Taken	10/2	1 20	_12_at _1	0:30	(AM) (PM)
Well on line:		Started		20 at	20 at		 _(AM)(PM) T				at		(AM)(PM)
					OBSER	/ED SUR	FACE	DATA			Duration of	Shut-li	n 24.0
Static/ Dynamic	Orifice Size	Circle on Meter of Prover Pres	or Differentia	Flowing Temperature	Well He	ad Wellhea		sing Pressure P ₁) or (P _C)	Weilhe	ubing ad Pressure (P ₁) or (P _C)	Duration (Hours)		Liquid Produced (Barrels)
Property Inches		psig	Inches H₂0	t	t	psi	psig psi		psig psia]		
Shut-In		ļ				5:	5.0	69.4	Pump		24.0		
Flow		<u> </u>				_							
	<u> </u>				FLOW ST	REAM A	TTRIB	UTES					
Plate Coefficient (F _b)(Fp) Mcfd		Meter Press. Pressure Extension psia		Gravity Factor F _g		Flowing emperature Factor F n		Deviation Factor F _{pv}	Metered Flow R (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m
(P _c) ² =		P _w) ² =	1: P	(OPEN FLO	 DW) (DEL _%		·	CALCULA + 14.4 =	TIONS	:		a) ² =	0.207
(P _e) ² - (P _a) ² (I		P _o) ² - (P _w) ²	$\frac{{P_o}^2 - {P_a}^2}{{(P_o)}^2 - {(P_w)}^2}$	——— 10G l—		Backpressure Curve Slope = "n"		n x LOG $ \frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_w)^2} $		Antilog		Open Flow Deliverability Equals R x Antilog	
Open Flow Mcfd @			Mcfd @ 14.65 p) 14.65 psia			Deliverability			Mcfd @ 14.65 psia			
		at said repo	n behalf of the C rt is true and cor					ed to make _day of		report and tecember	Udv		dge of the facts
			· ·							O.		_	COR!!
		For (Commission	······································		_				Checked	d by	- K	LCEIVED

DEC 2 8 2012

I declare under penalty of perjury under the laws of the State of Kansas that I am authorized to request										
exempt status under Rule K.A.R. 82-3-304 on behalf of the operator LINN OPERATING, INC.										
and that the foregoing information and statements contained in this application form are true and										
correct to the best of my knowledge and belief based upon available production summaries and lease records										
of equipment in	stallation and/or upon type of completion or upon use being made of the gas well herein named.									
I hereby request a one-year exemption from open flow testing for the HCU 2230 - C										
gas well on the	grounds that said well:									
	(Check one)									
П	is a coalbed methane producer									
ī	is cycled on plunger lift due to water									
	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:	12/19/2012									
	Signature: Stacy Ushu Title: Administrative Assistant II									

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, welfhead 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.