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

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

(See Instructions on Reverse Side)

Type Test:						100	o mse	, 00000113	, 0,, 1,0	<b>V</b> C,30	0,00,					
Open Flow				Test Date: 11/8/1					1			API No.	15-075-20332 - 0000			
Deliverability WHSIP																
Company LINN OPERATING, INC			INC.	INC.				Lease HCU						Well Number 3231-B		
County Location			Section					WP			RNG (E/W)		Acres Attribu		res Attributed	
HAMILTON C			CNW			32	32		238		41W					
Field BRADSHAW			Reservoir W				VINFIELD			Gas Gathering Connection ONEOK FIELD SERVICES						
Completion Date				Plu	h				Packe	r Set at						
	8/80					2434'										
		Weight	9.50		rnal Diamete "4.090				t at 2434'		Perforations		s To 2330'		0040	
		9.50	Internal Diamete					2434		Perforations			To	2342'		
Tubing Size Weight 2-3/8"		4.7 1.995			n Secal			2360'		renorations		•	10			
Type Completion (Describe)		Type Fluid Production							Pump Unit or Traveling Plunger? Yes / No							
Single Gas			Gas - Water									Pump			Yes	
Producing Thru (Annulus/Tubing)			%Carbon Dioxide					% Nitrogen			ogen	Gas Gravity - G.				
An	nulus															0.851
Vertical De								sure Ta Flange						(Met	ter Rı	un)(Prover) Size 2.067"
Pressure Buildup: Shu		Shut In	11/7		20 11 at	7:00 t		/W/tbW)		Taken	11//	3 20	<u>11 at 7:</u>	00	(AM)(PM)	
Well on line:			Started			20 at		(A	AM)(PM)		Taken			at		
,								ERVED			DATA			Duration of S		
			Circle on	e:	Pressure		1			Casing		1	Tubing	1		
Static/		Orifice Meter Size Prover Pre Inches psig			Differential	Flowing	1 '	II Head			Pressure	Wellhead Pressure		Duration		Liquid Produced (Barrels)
Dynamic Property						Temperature t		erature t	(P <sub>W</sub> ) or (P <sub>1</sub> ) or (		psia	(P <sub>W</sub> ) or (P <sub>1</sub> ) or (P <sub>C</sub> ) psig psia		(Hours)		(banes)
Shut-in	Shut-In				<del></del>		<del>-   </del>		<del>                                     </del>	3.0	57.4	Pump		24.00		
Flow							1					-		† · · · · · · · · · · · · · · · · · · ·		
	<u> </u>					<u> </u>	FLOV	V STRE	AM AT	TRIBI	ITES	l		<u> </u>		
Plate	-		Meter	1	Press.	Gravity		Flow		11(15)	0120	1		<u></u>		
Coefficient			ressure	Extension		Factor			erature De		Deviation	Me	tered Flow	GOR		Flowing
(F <sub>b</sub> )(Fp) Mcfd			psia		P <sub>m</sub> x H <sub>w</sub>	F <sub>0</sub>		Factor F n				R (Mcfd)		(Cubic Feet/ Barrel)	Į	Fluid Gravity
Wicid					II M A II W			' '			' DV	(MCIG)		Darrety		G <sub>m</sub>
																<del>-</del>
						(OPEN FLO	OW) (I	DELIVE	RABIL	ITY) (	CALCULA	TIONS				
					•									(P <sub>n</sub> )		0.207
(P <sub>e</sub> ) <sup>2</sup> =		(P	ر <sub>س)</sub> ء =	3	: P <sub>d</sub> =	:	_%		(P <sub>c</sub> - 1	14.4) +	· 14.4 =		<u>:</u>	(P <sub>n</sub> )	² <u>=</u>	
(P <sub>e</sub> ) <sup>2</sup> - (P <sub>a</sub> ) <sup>2</sup>		$(P_c)^2 - (P_w)^2$			P <sub>c</sub> 2 - P <sub>a</sub> 2	(P <sub>c</sub> ) <sup>2</sup> -(		(P <sub>a</sub> ) <sup>2</sup> Back		oressure Curve			(P <sub>4</sub> ) <sup>2</sup> -(P <sub>4</sub> ) <sup>2</sup>		Open Flow	
		v cj =v wj		1 ——		LOG —		-	Clare - "-"			nxLOG		Antilog		Deliverability
				$(P_c)^2 - (P_w)^2$		(F	P <sub>c</sub> ) <sup>2</sup> -(P <sub>w</sub>	·) <sup>2</sup>	Slope = "n"		(P <sub>c</sub> ) <sup>2</sup> -(P <sub>w</sub> ) <sup>2</sup>				Equals R x Antilog	
						_							<u> </u>			
Open Flow Mcfd @ 14.65 psia					De	Deliverability			Mcfd @ 14.65 psia							
<u> </u>									-							
														hat he has kno		ge of the facts
stated thei	rein, and	u tha	at said repo	n is tr	ue and corre	ct. Execute	a this	ine	<u>9th</u>	'_`, '	day of	<u> </u>	ovember /			<u> 2011                                  </u>
			£ 2.7 ·		( and				_	<u> </u>	<u> </u>	<u>&lt;.t</u>	Send	Viera		
			VVit	ness (if	any)								For Comp	REC	ΈN	/FD
			For	Commi	ission			<del></del>	_				Checked	bv _		
														DEC	บช	7011

KCC WICHITA

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 installation 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 3231-B gas well on the grounds that said well:
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.  X is incapable of producing at a daily rate in excess of 250 mcf/D  I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: 11/9/2011
Signature:

## 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.