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

KCC WICHITA

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

(See Instructions on Reverse Side)

Type Test:																
		pen Flow eliverability WHSIP				Test Date: 10/29/				12			API No.	15-075-20654~		
Company LINN OPERATING,					, INC.			Lease			HCU				Well Number 0920-B	
County Location						Section			TWP			RNG (E			Acres Attributed	
	MILT	TON		SE			9			22S		40W		tion		
Field BRADSHAW					Reservoir Winfield							Gas Gathering Connection Oneok Field Services				
Completion Date 9/17/97				Plug Back Total Depth								Pack	er Set at			
Casing Size Weight			Weight	Internal Dia				Se	et at		Perforations			Го		
4-1/2"				9.50 4.					2976'		976'	D= 4 - 4		2718'	2738'	
Tubing Size Weight 2-3/8"				Internal Diamete 4.7 1.995				r Set at 2859'				Perforations To				
Type Com		n (Des	cribe)	7.1	Typ	Type Fluid Production					Pump Unit or Tra			ling Plunger?	Yes / No	
Single Gas						er				·	Pum		Yes			
Producing Thru (Annulus/Tubing) Annulus					%Carbon Dioxide							% Nit	rogen	C	Gas Gravity - G <sub>o</sub> .78	
Vertical Depth (H) Pressure Taps 2728' Flange												(Mete	er Run) (Prover) Size 2.067"			
Pressure Buildup: Shut In				10/28 20 <u>12</u> at				:30 (A	M)(PM)	Taken		10/	29 20	<u>12</u> at <u>10:3</u>	30 (AM)( <del>PM)</del>	
Well on line: Started			20				(A	AM)(PM) Ta		Taken	20		at	(AM)(PM)		
							ОВ	SERVED	SURFA	CE	DATA			Duration of Sh	ut-In 24.00	
Static/ Dynamic Property	amic Size		Circle on Meter o Prover Pres psig	or Differential		Flowing Temperature t		'ell Head perature t	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>C</sub> ) psig psia		Pressure 1) or (P <sub>C</sub> )	Tubing Wellhead Pressure (P <sub>W</sub> ) or (P <sub>1</sub> ) or (P <sub>C</sub> ) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			<u> </u>						65.0	79.4		Pump	<del>                                     </del>	24.00		
Flow													<del></del>	ii.		
							FLO	W STRE	AM ATT	RIBI	I UTES	<u> </u>				
Plate			Meter	1	Press.	Gravity		Flow						<del></del>		
Coefficient (F <sub>b</sub> )(Fp) Mcfd		Pressure psia		Extension √P <sub>m</sub> x H <sub>w</sub>		Factor F <sub>g</sub>		Temper Fact F	tor Fac		Deviation Factor F <sub>pv</sub>	Metered Flow R (Mcfd)		GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G <sub>m</sub>	
						(OPEN FL		(DELIVE				TIONS		(P <sub>a</sub> ) <sup>2</sup>		
(P <sub>s</sub> ) <sup>2</sup> =		(F	(w) <sup>2</sup> =		: P <sub>d</sub> =	: 	_%_		(P <sub>c</sub> - 14	.4) +	14.4 =	<del></del>	<u> </u>	(P <sub>d</sub> ) <sup>2</sup>		
$(P_c)^2 - (P_a)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		$\frac{P_c^2 - P_a^2}{(P_c)^2 - (P_w)^2}$		$LOG \left[ \frac{(P_c)^2}{(P_c)^2} \right]$		—   <u> </u>		Backpressure Curve Slope = "n"		n x LOG $ \frac{(P_c)^2 - (P_n)^2}{(P_c)^2 - (P_w)^2} $		Antilog	Open Flow Deliverability Equals R x Antilog	
									- n=							
				<u> </u>								<u>L</u>		<u> </u>		
Open Flow Mcfd @ 14.65 ps						ia	Deliverability					Mcfd @ 14.65 psia				
					alf of the Corre				uly autho		d to make day of		e report and the	nat he has know	wledge of the facts	
			Witi	nėss (if	any)						()	in	For comp	any RE	CEIVED	
			For	Commi	ssion						<del></del>		Checked	bv	207 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 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 theHCU 0920-B												
gas well on the grounds that said well:												
(Chack ana)												
	(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.											
X	is not capable 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.												
Data	40/4/0040											
Date:	12/4/2012											
	_											
	Signature: Stucy while											
	Signature.											
	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, 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.