## 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			Test Date:			11/2/11					API No.	15-075-	20582	- 0000
Company						<del> </del>		Le	ase						v	Vell Number
	LINN		ERATING	, INC	1			<u></u>		H	CU					1521-B
County Location HAMILTON			Location	Section NE SE			TWP		NΡ	22S		RNG (E/W) 41W			Α	cres Attributed
								ir								<u> </u>
Field BRADSHAW				Reservoir				WINFIELD				Gas Gathering Connection Oneok				i
Completion Date					Plu	Dept	epth				Packe	r Set at				
	3/90		101 7 14												<del></del>	
Casing Size Weight 4-1/2"			Weight	9.50		ernal Diameter 4.090"		Set at		2942'		Perforations		s 2716'	То	2730'
Tubing Size Weight			Meight	Internal Diag						2042		Perforations			То	2/30
2-3/8"			4.7 1.995				2746'			<b>5</b> '	i cholations 10					
Type Completion (Describe) SINGLE GAS					Tyr									Yes / No YES		
Producing Thru (Annulus/Tubing)					GAS - WATER  %Carbon Dioxide							% Nitrogen Gas Gravity - G.				
ANNULUS 0.78																
									Run) (Prover) Size 2.067"							
Pressure Buildup: Shut In			11/120 <u>11</u> at			8:30 (AM)(PA			ران الم		11/2 20		_11_at9:00		(AM)(PM)	
Well on line:			Started		20at		(A		M)(PM	PM) Taken				at		_
							OBS	ERVED	SURF	ACE	DATA		<u>.</u>	Duration of	of Shut-I	n 24.00
			Circle on		Pressure	İ		,		Casing		-	Fubing	1 •		<u>'</u>
Static/ Dynamic	1	Orifice Meter Size Prover Pre Inches psig			Differential in (h)	Flowing Temperature	Well Head Temperature		Wellhead Pressure (P <sub>W</sub> ) or (P <sub>1</sub> ) or (P <sub>C</sub> )		Wellhead Pressure (P <sub>W</sub> ) or (P <sub>1</sub> ) or (P <sub>C</sub> ) psig psia		Durat		Liquid Produced (Barrels)	
Property				Inches H <sub>2</sub> 0		t	t			psig psia			(Hours)		(barrers)	
Shut-in	ut-in									34.0 48.4		Pump		24.00		
Flow	flow													1		1
L	1		<u> </u>			1	FLOV	V STRE	AM AT	TRIBI	UTES		L <sub>+</sub> ,	<u> </u>		<u> </u>
Plate			Meter		Press.	Gravity		Flowi	ing							<u> </u>
Coefficie		Pressure		Extension		Factor	Tempe				Deviation	Metered Flow		GOR		Flowing
(F <sub>b</sub> )(Fp) Mcfd		psia		√P <sub>m</sub> x H <sub>w</sub>		· F <sub>g</sub>		Factor F <sub>ft</sub>		Factor F <sub>pv</sub>		R (Mcfd)		(Cubic Feet/ Barrel)		Fluid Gravity
							_						(		<u></u>	G <sub>m</sub>
				<u> </u>		(ODEN EL C	3140 /	DE1 11/E	15.4511	1770						<u> </u>
						(OPEN FLC	) (VVC	DELIVE	KABIL	.II Y) C	JALCULA	HONS		,	(P <sub>n</sub> ) <sup>2</sup> =	0.207
(P <sub>e</sub> )2=		(P	ພ)² =		: P <sub>d</sub> =	:	%		(P 1	4.4) +	- 14.4 =				(P <sub>rl</sub> ) <sup>2</sup> =	0.207
				$\frac{P_c^2 - P_a^2}{(P_c)^2 - (P_w)^2}$		Г	•	<u>. ור.</u>					<del></del>	il '	<del>'''</del>	
(P <sub>e</sub> ) <sup>2</sup> - (P <sub>a</sub>	.)2	$(P_e)^2 - (P_w)^2$				LOG P	c) <sup>2</sup> -(Pa	) <sup>2</sup> -(P <sub>a</sub> ) <sup>2</sup>		Backpressure Curve		$n \times LOG \qquad \frac{(P_c)^2 - (P_a)^2}{}$		Antilog		Open Flow Deliverability
							c) <sup>2</sup> -(P <sub>w</sub>	-(P <sub>w</sub> ) <sup>2</sup>		Slope = "n"		" ~ 200	(P <sub>c</sub> ) <sup>2</sup> -(P <sub>w</sub> ) <sup>2</sup>		- 1	Equals R x Antilog
						L		]					L ` " . " .	4		
				$\vdash$	· · · · · · · · · · · · · · · · · · ·			_					<del></del>	1	<del></del>	i
																·
Open Flow			•	Mcfd @ 14.65 psia				Deliverability				Mcfd @ 14.65 psia				
The ur	ndersion	ned s	authority o	ı beba	alf of the Cor	nnany states	s that	he is di	ilv anit	orize	d to make	the shove	report and t	hat he hac	knowlo	dge of the feets
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the																
										_ \	( <del>-</del>	DI	$\sum_{i} N_{i}$	10		
			Witn	ess (if	any)		KE	CEIV	ED−		<u> </u>	v . (	For Com	any		
							DEC	01	2011							:
			For (	ommi	ssion		V		-VIL				Checked	by		

**KCC WICHITA** 

exempt status used and that the for correct to the best of equipment in the fermion of the correct to the state of equipment in the fermion of the correct to the state of the correct to the co	lare under penalty of perjury under the laws of the State of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator Linn Operating, Inc. egoing information and statements contained in this application form are true and est of my knowledge and belief based upon available production summaries and lease records stallation and/or upon type of completion or upon use being made of the gas well herein named. eby request a one-year exemption from open flow testing for the
	grounds that said well:  (Check one)  is a coalbed methane producer is cycled on plunger lift due to water (BEAM UNIT) 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 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:	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.