## 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/	/8/11				API No.	15-075-20186	G000-8	
Company				<u> </u>			Lea	ase I				<del></del> ;	Well Number 3031
County Location					TWP			RNG (E/W)			Acres Attributed		
HAMILTON SE							3	41W					
Field BRADSHAW				oir W	WINFIELD		Gas Gathering Connection ONEOK FIELD SERVICES			ICES			
Completion 7/2	n Date 1/77			Plu	g Back Total 2375'	Depth	•	,		Packe	Set at		4
Casing Size Weight		9.50	Inte	er	Set at 2375'			Perforations		To 2340'	2352'		
Tubing Size Weight 2-3/8"		4.7	Internal Diameter		er	Se	t at 232		Perforations				
Type Completion (Describe)			Тур	Type Fluid Production			on				ling Plunger?		
	gle Gas	ılus/Tubing)		9/ 0	Gas - \ arbon Dioxid		<del></del>			% Nitro	Pum	·	Yes
Anı	nulus	nus/Tubing)		%C						70 INIUI	ogen		0.854
Vertical De						Pressu Fla	ire Tai ange	ps	,			(Meter	Run)(Prover) Size 2.067"
Pressure Buildup: Shu		Shut In	11/7		20 <u>11</u> at	1:30	1:30 (AM)(PN		Taken	11/820		11_at1:30	(AM)(PM)
Well on line:		Started	rted						Taken		20	at	· · (AM)(PM)
						OBSE	RVED	SURFAC	E DATA	"		Duration of Shu	t-In 24.00
Static/ Orifice Dynamic Size		Circle one: Meter or Prover Pressure psig		Pressure Differential Flowing in (h) Temperature		•				Tubing Wellhead Pressure (P <sub>W</sub> ) or (P <sub>1</sub> ) or (P <sub>C</sub> ) psig psia		Duration (Hours)	Liquid Produced (Barrels)
	Property Inches		Inches H <sub>2</sub> 0		t	t		psig psia 38.0 52.4		Pump		24.00	-
Shut-In								36.0	52.4	Pulip		24.00	
Flow	<u> </u>				<u> </u>								
	<del></del>	· · · · · · · · · · · · · · · · · · ·			T	FLOW		AM ATTRI	BUTES		1		<u> </u>
Plate Coefficient (F <sub>b</sub> )(Fp) Mcfd		Meter Pressure psia		Press. Extension P <sub>m</sub> x H <sub>w</sub>	Gravity Factor F <sub>g</sub>	Т	Flowing Temperatu Factor F <sub>ft</sub>		Deviation Factor F <sub>pv</sub>	Metered Flow R (Mcfd)		GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G <sub>m</sub>
					(OPEN FLO	OW) (DE	ELIVE	RABILITY	) CALCUL	ATIONS		m .2	0.207
(P <sub>o</sub> ) <sup>2</sup> = (P <sub>w</sub> ) <sup>2</sup> =		: P <sub>d</sub> =%				(P <sub>c</sub> - 14.4)	+ 14.4 =		<u>.</u> :	$(P_a)^2$ $(P_d)^2$			
(P <sub>e</sub> ) <sup>2</sup> - (P <sub>e</sub>	a) <sup>2</sup> (F	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> (I		$\frac{P_c^2 - P_a^2}{P_c)^2 - (P_w)^2}$ LOG $\frac{(P_c)^2}{(P_c)^2}$		c) <sup>2</sup> -(P <sub>a</sub> ) <sup>2</sup> c) <sup>2</sup> -(P <sub>w</sub> ) <sup>2</sup>			ackpressure Curve Slope = "n"		$ \frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_w)^2} $	Antilog	Open Flow Deliverability Equals R x Antilog
		*	<u> </u>										
Open Flow Mcfd @ 14.65 psia							De	Deliverability Mcfd @ 14.65 psia					
		at said repo		rue and corre	mpany, state			uly authori: 9th	day of		report and the pyember	Louel Louel	rledge of the facts 2011
			Comm				_				Checked	RFC	EIVED
		FUL	JUNIT	1031011							CHECKEU	•	0 8 2011

KCC WICHITA

r si se ""										
I dec	lare 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 for	egoing information and statements contained in this application form are true and									
correct to the b	est 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 here	eby request a one-year exemption from open flow testing for the HCU 3031									
gas well on the	grounds that said well:									
	(Check one)									
	is a coalbed methane producer									
$\Box$	is cycled on plunger lift due to water									
$\Box$	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.									
IX	is incapable of producing at a daily rate in excess of 250 mcf/D									
<u> </u>										
	to supply to the best of my ability any and all supporting documents deemed by Commission ary to corroborate this claim for exemption from testing.									
	ary to concate the dam for exemption nom testing.									
Date:	11/9/2011									
	Signature:									
;	Title: Regulatory Specialist									
S <sub>a</sub>										

## 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.