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 WHSI				Test Date: 11/		/8/11	/11				API No.		43	- 0000
Company	LINN	NN OPERATING.			INC.			Lease			HCU				W	ell Number 3220-B
County			Location	Section				ΤV	TWP			RNG (EA	N)		Ac	res Attributed
HA	MILT	ИС		SE 32					22S				40W			
Field Reservoir											-		athering Cor			
	RADSH	IAW			WINFIELD					Oneok Field				d Services		
Completion 7/2	n Date 24/90				Plug Back Total Depth 2699'					··		Packe	r Set at			
Casing Size Weight					Internal Diameter				Set at					То		
_			9.50		4.090"				2745'					2590'		2608'
Tubing Size Weight 2-3/8" 4.7				Internal Diameter 1.995					Set at 2559'			Perforations To				
Type Completion (Describe) Type Fluid Produ										2000		Pumn	Unit or Trave	aling Plunger?		Yes / No
	NGLE			GAS - WATER								1 0,111,5	Pump Unit or Traveling Plunger? Yes / No PUMP YES			
	Thru (A		us/Tubing)		%C	%Carbon Dioxide				% Ni			ogen	·	Gas	Gravity - G ₋ 0.756
Vertical De							Pressu	re Ta	ps					Met	er Ru	n(Prover) Size
2599' FLA																2.066"
Pressure Buildup: Shut In				1	1/7	20 <u>11</u> at	at 7:00		(AM) (PM)		Taken	<u>11/8</u> 20		<u>11</u> at <u>7:00</u>		(AM)(PM)
Well on line: Started			Started			20at		(A	_(AM) (PM)		Taken		20	at		(AM)(PM)
							OBSE	RVED	ED SURFACE DATA					Duration of Shut-In		24.00
		I	Circle one		Pressure						ing	T T	ubing			
Static/ Dynamic	1	Orifice Meter of Size Prover Pre Inches psig			Differential in (h)	Flowing Temperature	Well I Temper		1		Pressure 1) or (Pc)	1	ad Pressure	Duration		Liquid Produced (Barrels)
Property				Inches H ₂ 0		t	t	ature	psig		psia	(P _W) or (P ₁) or (P _C) psig psia		(Hours)		(baireis)
Shut-In					-				77.0		91.4	pump	· · · · · · · · · · · · · · · · · · ·	24.00		
Flow																.,
	•					-	LOW	STRE	AM A1	TTRIB	UTES	<u></u>		<u> </u>		
Plate			Meter		Press.	Gravity		Flow				1				
Coefficient (F _b)(Fp) Mcfd		Pressure psia		Extension VP _m × H _w		Factor F _g	1	emper Fact		"	Deviation Factor	Metered Flow R (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity
						' g		F			F _{pv}					
																G _m
						ODEN ELOWA (DELL			 VERABILITY) CALCULA							
						(OPEN FLC)W) (DI	LIVE	:KABII	LIIY) (CALCULA	TIONS		(P _a)	2 _	0.207
(P _e) ² =		.	12 -		₽₀=		%		(D -	14 4) 4	144-		,			0.201
(1,0)	\neg	. (P _w) ² =		<u> </u>	· •	r*		<u> </u>	/ · c	P _c - 14.4) + 14.4 =			 :	(P _{rt}) ² =		
(P _a) ² - (P _a) ²		(P _e) ² - (P _w) ²		$\frac{P_c^2 - P_a^2}{(P_c)^2 - (P_w)^2}$		LOG (P) ² -(P _a) ²	Ш	Backpressure Curve Slope = "n"		$n \times LOG = \frac{(P_c)^2 \cdot (P_g)^2}{(P_c)^2 \cdot (P_g)^2}$		Amaila		Open Flow Deliverability	
						(P.)2-(P)2				ก"	I UX LOG	(P_) ² -(P) ²	Antilog		Equals R x Antilog
						L'	., (u ,	"		•		[(",",",")]				
				 				+				 		<u> </u>	+-	
	\dashv											 		<u> </u>	+	
<u></u>				<u> </u>								1				
Open Flow Mcfd @ 14.65 psia								De	Deliverability				Mcfd	l @ 14.65 psia	1	
The ur	ndersio	ned a	authority, or	n beha	alf of the Cor	npany, states	s that h	e is d	uly aut	horize	d to make	the above	report and t	hat he has kno	owled	ge of the facts
						ct. Executed			9th		day of	Noven		Δ	20	
											1.	1	→	Dr. 201	1	
			Witn	ess (if	any)			-	_			1	For Comp	any DE	^ <u>_</u>	VCD
			Enr	'ommir	cion			<u></u>	_				<u> </u>		ノニ	VED
For Commission													Checked	DEC DEC	0 8	3 2011

KCC WICHITA

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.