## 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 Flov Deliverabi	v lity <b>W</b> HSI	P		Test Date:	11	/4/11				API No.	15-07	5-10040	-0000
Company	LINN OP	ERATING	INC			,	Lea						M	/ell Number 2241
County		Location	,	•	Section		TV			RNG (E/	۸/)		Α	cres Attributed
	MILTON	Location	sw	NE	ocollon	22		248		TOTO (EA	41W		^	cres Attributed
Field					Reservo					Gas G	athering Cor	nection		
BR	ADSHAW	1					INFIE	LD		,	ONEOK		SERVICE	S
Completion 9/2	n Date 8/60	•		Plu	g Back Total 2332'	Depth		<del>                                      </del>		Packe	r Set at			
Casing Siz	e	Weight		Inte	ernal Diamete	er	Set	t at			Perforations	· · · · · · · · · · · · · · · · · · ·	То	
4-1	/2"		9.50	)	4.090"			233	2'			2316'		2324'
Tubing Size	e	Weight		Inte	ernal Diamete	er	Set	t at			Perforations	3	То	
2-3	3/8"		4.7		1.995			231	4'					
Type Comp	pletion (De:	scribe)		Туг	oe Fluid Prod Gas - \					Pump	Unit or Trave Pun		nger?	Yes / No Yes
	Thru (Annu nulus	llus/Tubing)	)	%0	Carbon Dioxid	le				% Nitr	ogen		Gas	Gravity - G. 0.83
Vertical De						Pressu	ıro Tor	20				<del></del>	Motor D	unProver) Size
232							ange	J3					Metel	2.067"
Pressure E	Buildup:	Shut In		11/3	20 <u>11</u> at	8:00	(AN	M) <del>(PM)</del>	Taken	11/4	20	<u>11</u> at	8:00	_ (AM) <del>(PM)</del>
Well on line	e:	Started			_ 20 at		(AN	M)(PM)	Taken		20	at		_ (AM)(PM)
			······································			OBSE	RVED	SURFACE	DATA	<del></del>			n of Shut-l	
		Circle or	ne:	Pressure	Ī				sing	J 7	ubing	T		1
Static/	Orifice	Meter		Differential	Flowing	Well I		Wellhead	l Pressure	Wellhe	ad Pressure	Dui	ration	Liquid Produced
Dynamic Property	Size Inches	Prover Pre psig		in (h)	Temperature t	Temper t	rature		P <sub>1</sub> ) or (P <sub>C</sub> ) psia		(P <sub>1</sub> ) or (P <sub>C</sub> )	(Ho	ours)	(Barrels)
Shut-In	literes	psig		Inches H <sub>2</sub> 0		<u> </u>	·	psig 35.0	49.4	Pump	psia	2	4.00	
								33.0	45.4	Tunp			4.00	
Flow					<u></u>	<u> </u>			<u> </u>			J		
						FLOW:	STREA	AM ATTRII	BUTES					
Plate Coefficier	nt   E	Meter ressure		Press.	Gravity	١,	Flowir		Deviation	Ma	orad Flaur		<b>\</b> D	Flaurian
(F <sub>b</sub> )(Fp)		psia		Extension	Factor F <sub>g</sub>	'	Facto		Factor	INIE	ered Flow R	GC (Cubic		Flowing Fluid
Mcfd		•	. 1	P <sub>m</sub> x H <sub>w</sub>	9		F <sub>ft</sub>		F <sub>DV</sub>		(Mcfd)	Bar		Gravity
								<u></u>					· · · · · · · · · · · · · · · · · · ·	G <sub>m</sub>
		·			(OPEN FLO	)/4/\ (I)	EL IVE	DADII ITVI	CALCIII A	TIONS				<u> </u>
					(OPEN FLC	יט) (שע	ELIVE	KABILII 1)	CALCULA	ATIONS .			$(P_a)^2 =$	0.207
(P <sub>c</sub> ) <sup>2</sup> =	<b>/</b> F	. \2 -		: P <sub>d</sub> =	_	%		(P <sub>c</sub> - 14.4)	± 1/ / =					
( , , -		Pw) <sup>2</sup> =	1	.· 'd⁻	- r		<del>- 1</del>	(1 c - 14.4)	1 14.4 -	<del>1</del>	<del></del> ·	<del></del>	(P <sub>d</sub> ) <sup>2</sup> =	
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>a</sub>	) <sup>2</sup> (P.	$_{c})^{2} - (P_{w})^{2}$		$P_c^2 - P_a^2$	(P	$(P_a)^2$		Backpressur	e Curve		$(P_c)^2 - (P_a)^2$	İ	-	Open Flow
			-	D \2 (D \2	LOG —	· · · · · · · · · · · · · · · · · · ·		Slope =	"0"	n x LOG	(D)2 (D)2	Ant	tilog	Deliverability
			"	$(P_c)^2 - (P_w)^2$	(P	$(c)^2 - (P_w)^2$		Slope -	rı	ļ.	$(P_c)^2 - (P_w)^2$			Equals R x Antilog
					<u> </u>			_				`		
													"	
Open Flow	'		Mcfd	l @ 14.65 ps	sia		Del	liverability			Mcfo	0 14.6	5 psia	-
Thou	dereigned	authority a	n hoh	alf of the Ca	mnany state	e that h	a ia al	ly authori-	ad to make	the share	ropert cod t	hat ha k	aa kaassis	dge of the facts
					ect. Executed			7th	day of		report and t vember	nat ne na		oge of the facts
Stated HIEL	on, and the	at salu ICPU	าเเฮเ	ao ana cont	o. Lacuad	4 U/IS UI	٠ .		1	1	Sember 1		<u></u>	<u>v. 1</u>
		-\Ar-	1000 EE	anul			_		سك	#X:	Frisk	are	<u>ی</u> کلا	<u> </u>
		vvitt	ness (if	ally)							<ul> <li>For Comp</li> </ul>	dNy	KE	CEIVED
		For	Commi	ssion							Checked	by	DEC	2 0 5 2011

	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.								
	regoing 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								
• •	estallation 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 HCU 2241								
jas well on the	grounds that said well:								
	(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								
一	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								
	to supply to the best of my ability any and all supporting documents deemed by Commission cary to corroborate this claim for exemption from testing.								
Date:	11/7/2011								
	Signature: L. H. tan Jauly								
	Title: Regulatory Specialist								

## 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.