KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test	•											
	Open Flor Deliverabi	w ility WHSII	P	Test Date:	10/3	0/12				API No.	15-075-207	758 - 0000
Company	LINN OF	PERATING,	INC			Lease		HCU				Well Number
County	LINIT OI	Location	, 1140.	Section		TWP		1100	RNG (E/	ΔΛ		1620-C Acres Attributed
	MILTON	Location	SE NW NW	Occion	16	LAÁI	228		INIO (E)	40W		Acres Allributed
Field	RADSHAW	······································		Reserve	oir CHASE	:			Gas G	athering Cor		
Completion		•	Plu	g Back Total		-		 -	Packe	r Set at	70K	
	13/01			2893'					, aono	. 001 41		
Casing Siz	ze	Weight	Inte	ernal Diamete	€r	Set at				Perforations		To
	1/2"	10.5#	<u> </u>	4.052"			293	7'			2716	2734'
Tubing Siz		Weight	Inte	emal Diamete	er	Set at				Perforations	3	То
	3/8"	4.7		1.995			2758	3'				
SII	pletion (De NGLE GA	S		pe Fluid Prod GAS -	uction WATER				Pump	Unit or Trave PUMP	eling Plunger?	Yes / No YES
	Thru (Anni INULUS	ulus/Tubing)	%C	arbon Dioxid	e				% Nitr	ogen		Gas Gravity - G _o .759
Vertical De 272		<u> </u>		- " -	Pressure FLA	Taps					(Me	ter Run) (Prover) Size 3.068
Pressure E	Buildup:	Shut In	10/29	20 <u>12</u> at	11:00	(AM)(PA	4)	Taken	10/3	0 20	<u>12</u> at <u>11</u>	
Well on lin	e:	Started		at		_		Taken		20	at	
						VED SUR						
	<u> </u>	Circle on	e: Pressure	1	OBSER	VED SUR			Т т	iublna	Duration of SI	hut-In 24.00
Static/	Orifice	Meter o		Flowing Temperature T	Well He	ad W	re (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _C)		Duration	Liquid Produced
Dynamic Property	Size Inches	Prover Pres	ssure in (h) Inches H ₂ 0		1						(Hours)	(Barrels)
rioperty	indies	psig	inches ri ₂ 0	t	t t	psi	ig	psia	psig	psia	<u> </u>	
Shut-In						_ 6	5.0	79.4	pump	,	24.00	
Flow												
		<u> </u>			FLOW ST	REAM A	TTRIB	UTES	l		1	
Plate		Meter	Press.	Gravity	F	lowing	T				<u>.</u>	
Coefficie: (F _b)(Fp)		ressure psia	Extension	Factor		mperature		Deviation	Metered Flow		GOR	Flowing
Mcfd	' [psia	√P _m x H _w	F _g		Factor F _{tt}		Factor F _{pv}		R (Mcfd)	(Cubic Feet/ Barrel)	Fluid Gravity
							<u> </u>	· · · · · · · · · · · · · · · · · · ·				G _m
				(OPEN FLC	W) (DEL	IVERABI	LITY)	CALCULA	TIONS			
		9	_								$(P_a)^2$	
P _e) ² =	(F	w) ² =	P₀≂		%	(P _c -	14.4) -	+ 14.4 =		<u> </u>	(P _d) ²	' =
(P _c) ² - (P _a	.) ² (P.	c) ² - (P _w) ²	P ₀ ² -P ₂ ²		_{c)²-(P_a)²}	Backp	ressure	Curve]	(P _c) ² -(P _a) ²		Open Flow
		·	$(P_c)^2 - (P_w)^2$	LOG —	2 (2.)2		**		nxLOG		Antilog	Deliverability
			(P _c) - (P _w) -	(12)	.) ² -(P _w) ²	50	ope = "	n"		(P _c) ² -(P _w) ²		Equals R x Antilog
				<u> </u>	-	L						
									<u> </u>			
Open Flow			Mcfd @ 14.65 ps	ia		Delivera	bility		0.00	Mcfd	@ 14.65 psia	- -
*** ·			habate en e									
			n behalf of the Cor t is true and corre					d to make day of	the above Decem			wledge of the facts
					ano uro			,		M I M I L	· ·	20 <u>12</u>
		Witn	ess (if any)	<u> </u>					DIV	For Comp	any	RECEIVE
		For C	Commission			_				Checked	Бу	DEC 2 8 2
											•	

KCC WICHITA

	clare under penalty of perjury under the laws of the State of Kansas that I am authorized to request
xempt status	under Rule K.A.R. 82-3-304 on behalf of the operator LINN OPERATING, INC.
-	pregoing information and statements contained in this application form are true and
	best of my knowledge and belief based upon available production summaries and lease records
	installation and/or upon type of completion or upon use being made of the gas well herein named.
• •	reby request a one-year exemption from open flow testing for the HCU 1620-C
	e 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
	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
	to supply to the best of my ability any and all supporting documents deemed by Commission sary to corroborate this claim for exemption from testing.
taff as neces	sary to corroborate this claim for exemption from testing.
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taff as neces	sary to corroborate this claim for exemption from testing. 12/19/2012 Signature: **Stacyble***
taff as neces	sary to corroborate this claim for exemption from testing. 12/19/2012
taff as neces	sary to corroborate this claim for exemption from testing. 12/19/2012 Signature: **Stacyble***

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.