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 F				Test Date:	11/8	/11				API No.	15-075-2	0420 -	0000
	Deliver	ability WHS	IP 										10	
Company	LINN (PERATING	, INC				Lease	Н	CU				VV	/ell Number 2831-B
County Location				Section			TWP		RNG (E/W)		Acres Attributed			
HAMILTON NW				28			238		41W					
Field BRADSHAW				Reservoir					Gas Gathering Connection ONEOK FIELD SERVICES					
Completion		\VV		Plu	g Back Total		NFIELD			Packe	Set at	FIELD SE	KVICE	
	/10/89			·	2425'	Deptil				1 acres	Oct at .			
Casing Siz	ze	Weight		Inte	rnal Diamete		Set at				Perforations		То	
4-1/2" 9.50					2387'					2404'		2425'		
Tubing Size Weight 2-3/8" 4		4.7	Internal Diameter 1.995			Set at 2372'			Perforations To			То		
		Describe)	4.7	Tvr		uction		2012		Pump	Unit or Trav	elina Plunae	er?	Yes / No
Type Completion (Describe) Type Fluid Production Pump Unit or Traveling Plunger? Single Gas Gas - Water Pump														
	Thru (Ai	nulus/Tubing	1)	%C	arbon Dioxid	le				% Nitro	ogen			Gravity - G. 0.810
Vertical De					·	Pressure						(N	Vleter R	Run)(Prover) Size 2.067"
		Chut In		11/7	20 11 ot				Taken	11/9	. 20	at	6:00	
Well on lin			11/7		20 <u>11</u> at <u>6.00</u> 20 <u>at</u>					20 20				
vven on an		Started	~		at	OBSER					20	Duration of		
	1	Circle o	ne.	Pressure	Ī	UBSER	AED 201	Cas		Т	ubing	Duration of	Siluti	24.00
Static/		Orifice Meter		Differential	Flowing	Well He	- 1	Vellhead	Pressure	Wellhead Pressure		Duration		Liquid Produced
Dynamic Property	Size			in (h) Inches H ₂ 0	Temperature t	Temperat t	-	P _w) or (P sig	or (P _c) psia	(P _W) or psig	(P ₁) or (P _C)	(Hours	·)	(Barrels)
Shut-In			<u></u>					71.0	85.4	Pump	,	24.0	00	
Flow									1					
	<u> </u>			<u> </u>		FLOW ST	TREAM /	ATTRIB	UTES	<u>.</u>	,	<u> </u>		
Plate		Meter		Press.	Gravity		Flowing							
Coefficie (F _b)(Fp)		Pressure psia				Metered Flow GOR R (Cubic Feet/			Flowing Fluid					
Mcfd		pola	psia		- g	* 1		F _{ft} F _{pv}		(Mcfd)		Barrel)		Gravity
				···-		_		-			<u> </u>			G _m
					(OPEN FLO) OW) (DEL	IVERAE	I BILITY)	CALCULA	TIONS				<u> </u>
		•			(, (,				(F	ر ام	0.207
(P _c) ² =		(P _w) ² =		: P _d =	<u> </u>	<u></u> %	(P _c	- 14.4)	+ 14.4 =		<u> </u>	(F	o _d) ² =	
(P _c) ² - (P	1,2	$(P_c)^2 - (P_w)^2$		P _c ² - P _a ²	ſ,	$P_{c}^{2} - (P_{a})^{2}$	Back	pressure	Curve		(P _c) ² -(P _a) ²]		Open Flow
(1.0) - (1.1	a/	('c) - ('w)	-		LOG -			•		nxLOG	- ·	Antilog	,	Deliverability
		•	($(P_c)^2 - (P_w)^2$	(P	°c)²-(P _w)²	•	Slope = "	'n"		(P _c) ² -(P _w) ²			Equals R x Antilog
										ļ				
·		·		<u>, </u>					-					
			<u>.</u>				<u>.</u>			<u> </u>				
Open Flow Mcfd @ 14.65 psia				Deliverability Mcfd @ 14.65 psia										
The III	ndersian	ed authority	on beh	alf of the Co	mpany state	s that he	is duly a	uthorize	ed to make	the above	report and	hat he has	knowle	dge of the facts
		that said rep					_		day of _		vember	· · · · · · · · · · · · · · · · · · ·		011
									1	P4	β_{i}	2 mal	W	
		Wi	tness (i	f any)		-				1	For Com		COF	11 1990
		v.∻ For	Comm	ission					<u></u>		Checke		EUL	IVED
		FOI	COUNT	1331011							CHECKE		-C n	8 2011

KCC WICHITA

	clare 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.											
	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											
of equipment i	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 2831-B											
gas well on the	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 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 sary to corroborate this claim for exemption from testing.											
Date:	11/9/2011											
	Signature: L. Rendoul											
	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.