Form G-2 (Rev 8/98)

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

(See Instructions on Reverse Side)

Type Test:					, ,	.0	010.00	. 0.40,		•					
	Open Flow				Test Date: 11/4/1				11			15-075-20454 ~ ()()()			
X	Deliverabi	lity WḤSII	P		711				API No.		15-075-20454.~				
Company	LINN OPERATING, INC.			-	-			Lease HCU					Well Number 2231-B		
County Location						TWP			RNG (E/W)		Acres Attributed				
HA	MILTON		C N	Ξ		22		238			41W				
Field BRADSHAW					Reservoir WINF					Gas Gathering Connection ONEOK FIELD SERVICES				:S	
Completion Date 6/23/90				Plu	g Back Total 2605'	Depth				Packe	r Set at				
Casing Size Weight 4-1/2"		9.50	Internal Diamet		r Set at		2661'		Perforations		2518'	То	2528'		
Tubing Size Weight		9.50	Internal Diamet		er	Set at			Perforations			То	2320		
2-3/8"		4.7	11110	1.995		2498'									
Type Completion (Describe) Single Gas				Tyr	uction Nater				Pump	eling Plunge	r?	Yes / No Yes			
Producing Thru (Annulus/Tubing)				%C				% Nitr			Gas	Gravity - G.			
										0.786					
Vertical Depth (H) 2523'				Pressure Taps Flange								(1)	/leter R	tun)(Prover) Size 2.067"	
Pressure Buildup: Shut In		Shut In	11/3		20 11 at	7:15	(AM)(PA	∡n Taken		11/4	20	11_at	7:15	(AM)(PM)	
Well on line: Started								Taken		20			=		
							VED SUR		DATA			Duration of		···	
		Circle on	ne:	Pressure	Flowing	I	120 0011	Casing ellhead Pressure		1 7	ubing	T.	011001		
Static/	Orifice	Meter		Differential in (h)		Well He				Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration	Liquid Produced		
Dynamic Size Property Inches			Prover Pressure psig		Temperature t	Temperati t		re (P _W) or (P ₁) or (I		psig	psia	(Hours))	(Barrels)	
Shut-In				Inches H₂0			- `-	8.0	52.4	Pump		24.0	0		
Flow															
L	<u> </u>	<u> 1 </u>			<u></u>	L FLOW ST	TREAM A	TTRIB	UTES	<u> </u>	l .	<u>.</u>		1	
Plate		Meter	Т	Press.	Gravity	<u> </u>	Flowing	1		· I				l .	
Coefficient I		Pressure		Extension	Factor	Te	mperature	perature Dev		Metered Flow		GOR		Flowing Fluid	
(F _b)(Fp) Mcfd		psia		P _m x H _w	l Fg	F _g		Factor Factor		R (Mcfd)		(Cubic Feet/ Barrel)		Gravity	
			ļ			-		<u> </u>						G _m	
	·		<u> </u>		/ODEN EL C	NAV (DEL	IVEDADI	I ITV	CALCIII A	TIONS				<u> </u>	
					(OPEN FLC	JVV) (DEL	IVERABI	LIIY)	CALCULA	TIONS		/5	P _a) ² =	0.207	
(P _c) ² =	/1	> _w) ² =		: P _d =	:	%	(P	14.4) +	+ 14.4 =				o _d) ² =		
					F		T	$(P_c - 14.4) + 14.4 =$		Т г ¬		il "'' I '			
$(P_c)^2 - (P_a)^2$ (F		$(P_{\rm w})^2 - (P_{\rm w})^2$	_	P _c ² - P _a ²	LOG P	$(c)^2 - (P_a)^2$	Backp	Backpressure Curve		nxLOG	$(P_c)^2 - (P_a)^2$	Antilog		Open Flow Deliverability	
				$(P_{w})^{2}$		c) ² -(P _w) ²	SI	Slope = "n"		111,7200	(P _c) ² -(P _w) ²		Antilog	Equals R x Antilog	
			•		ļ L	٢	l				L J				
			+				 			-		1	•		
		•	1							-					
Open Flow Mcfd @				@ 14.65 ps	ia	Deliverability			Mcfd @ 14.65 psia						
Tho	ndersiased	authority o	n hoh	alf of the Co	mnany states	e that ha	is duly an	thorizo	d to make	the shows	report and t	hat he hae l	cnowle	dge of the facts	
					ect. Executed				day of		ovember_		201		
0,0100 11101	, wild ill	1000							1	1.		·	ملمت ا		
	any)	 	_			F-7	For Con	any	-	`					
			•								<u> </u>	<u> </u>	KE	CEIVED	
For Commission Checked by DEC 0 5 2011											Checked	by	DEC	05 2011	

KCC WICHITA

I declare 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 foregoing information and statements contained in this application form are true and											
correct to the best of my knowledge and belief based upon available production summaries and lease records											
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.											
I hereby request a one-year exemption from open flow testing for the HCU 2231-B											
gas well on the grounds that said well:											
gas non the grounds that odd woll.											
(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.											
is incapable of producing at a daily rate in excess of 250 mcf/D											
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.											
can do nococcary to compositate this claim for exemption from testing.											
Data. 44/7/0044											
Date: 11/7/2011											
Signature: w.t. tenhull											
Title: Regulatory Specialist											
. No. regulatory opposition											

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.