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 WHSIP				Test Date: 11/			/12			API No.		15-075-10052 - თ- ထ		
Company								ease HCU				,	Well Number 0821		
County Location			,	Section			TWP		1100		RNG (E/	Δ/1		Acres Attributed	
HAMILTON SE				NW	8			22\$		1410 (2)	41V		TOTOS ALLIBUICA		
Field BRADSHAW					Reservoir				FIELD			Gas Gathering Connection ONEOK FIELD SERVICES			
Completion				Plu	g Back Total						Packe	r Set at			
3/3				* 144	4 B G G G G G G	Борат					, doite	. 00. 4.			
Casing Size Weight				Inte	er	Set at				Perforations To					
4-1/2"			9.50)	4.090"				2764'				2738'	2756'	
Tubing Size Weight				Inte	mal Diameter		Se	et at				Perforations	То		
2-3/8" 4.7				1,995					2757	7'					
Type Completion (Describe) Single Gas				Тур	Type Fluid Production Gas - Water							Pump Unit or Traveling Plunger? Yes / No Pump Yes			
Producing Thru (Annulus/Tubing) Annulus					%Carbon Dioxide							ogen	ns Gravity - G _o .772		
Vertical De				 		Pressu	не Та	ins					(Meter	Run) (Prover) Size	
274							ange	•					(meter	2.067"	
Pressure Buildup: Shut In		Shut In	10/31		20 <u>12</u> at	6:00	6:00 (A		//(PM) Taken		11/	20	12_at6:00	(AM) (PM)	
Well on line:		Started			. 20 at		(A	M)(PM	M)(PM) Tak		20		at	(AM)(PM)	
						OBSE	RVED	SURF	ACE	DATA			Duration of Shut	-In 24.00	
		Circle or		Pressure					Cas			Tubing	Τ		
Static/ Dynamic		Orifice Meter of Size Prover Pre		Differential in (h)	Flowing	Well				Pressure (1) or (Pc)	1	ad Pressure r (P ₁) or (P _C)	Duration	Liquid Produced (Barrels)	
Property	l			Inches H ₂ 0	Temperature t	Temper t	rature	psig		psia	psig	psia	(Hours)	(Daireis)	
Shut-In								28		42.4	Pump		24.00		
Flow															
	<u> </u>			<u> </u>	J.,,,	FLOW:	STRE	AM AT	TRIB	UTES	<u> </u>				
Plate		Meter	1	Press.	Gravity	1	Flowi				1			<u> </u>	
Coefficient (F _b)(Fp) Mcfd		Pressure psia		Extension P _m x H _w	Factor F _g	7	Temperat Factor F _{ft}		ature Deviation or Factor		Metered Flow R (Mcfd)		GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G_m	
			+												
L			<u> </u>		(OPEN FLO	OW) (DI	FLIVE	RABIL	ITY	CAI CUI A	TIONS				
					(0) 2111 20	, , , , , , , , , , , , , , , , , , ,			,	07.2002.	110.10		(P _a) ²	= 0.207	
(P _c) ² =		(P _w) ² =		_ P _d =	:	%		(P _c - 1	4.4)	+ 14.4 =			(P _d) ²		
		1			Г		71					<u> </u>	<u> </u>		
(P _c) ² - (P _a) ²	(P₀)² - (Pw)²		$P_c^2 - P_a^2$ $P_c)^2 - (P_w)^2$	LOG $\frac{(P_c)^2 - (P_a)}{(P_c)^2 - (P_w)}$				essure Curve ope = "n"		n x LOG	$\frac{(P_c)^2 - (P_a)^2}{(P_c)^2 - (P_w)^2}$	Antilog	Open Flow Deliverability Equals R x Antilog	
	_		-		<u></u>		\dashv								
								·							
Open Flow Mcfd @				d @ 14.65 ps	4.65 psia				Deliverability			Mcfd @ 14.65 psia			
		that said repo	ort is t	rue and corre				uly auth 4th		ed to make day of	_	ecember WX	20 20 Men	edge of the facts	
		Wit	ness (it	f any)								For Comp	any		
		For	Comm	ission			_	_				Checked	by	RECEIVED	

DEC 0 7 2812

exempt status u	are 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.										
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 0821										
gas 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										
	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										
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.											
Date:	12/4/2012										
	Signature: <u>Hacuy</u> Title: <u>Administrative Assistant II</u>										

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.