RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:					(See Instruc	tions on Re	verse Side))					,	
Open Flow					Test Date:				API No. 15							
✓ Deliverabilty				11/21/1			15-075-20677-00-00									
Company Linn Ope		Inc	:					Lease HCU					3321-0	Well No	umber	
County Location Hamilton C NE			Section 33	,	TWP- 22S			NG (E/W) 1W		Acres Attributed 640						
Field Bradshaw				Reservoir Winfield			Gas Gathering Con Oneok Field Servi									
Completion Date 10/1/98				Plug Bac 2845'	k Total Dep	th	n Packer Set at									
Casing Size Weight 4.5 10.5					Internal [4.052"	Diameter	Set at 2892'		Perforations 2677'			To 2703'				
Tubing Size Weight 2 3/8 4.7					Internal (1.995	Diameter		Set at 2741'		Perforations			То			
					d Productio Water					raveling Plunger? Yes / No						
		(Anr	nulus / Tubin	g)			Carbon Diox	ide		% Nitroge	n		Gas Gr	avity -	G	
Annulus	;							•					.78		a .	
Vertical Depth(H)						Pressure Taps								Prover) Size		
2690'			44	(20		40 4	Flan					12	2.068			
Pressure	Buildup		Shut in												(AM) (PM)	
Well on Li	ine:	. :	Started		20) at	1:UU AM	(AM) (PM)	Taken		<u>2</u> 0	at	71:00 /	AIVI	(AM) (PM)	
							OBSERVE	D SURFAC	E DATA			Duratio	n of Shut-	in_24	Hours	
Static / Dynamic Property	Orifice Size (inches)		Circle one: Meter Prover Pressure		Pressure Differential in	Flowing Temperature t	Well Head Temperature	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)		
Shut-In		•	psig (Pm)		Inches H ₂ 0			psig 35	99.4	Pump	psia	24				
Flow																
							FLOW STE	REAM ATTR	IBUTES							
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia			Press Grav Extension Fact P_x h F_g		tor	Flowing Temperature Factor F _{f1}	Fa	Deviation Met Factor F _{pv}		(Cubic Fe			Flowing Fluid Gravity G _m	
(P _c) ² =		_:	(P _w) ² =	-	·	(OPEN FL		/ERABILITY % (F) CALCUL _c - 14.4) +		:		(P _a) ² (P _d) ²	2 = 0.2 2 =	207	
(P _c) ² - (F or (P _c) ² - (F	·	(P _c) ² - (P _w) ²		Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$		LOG of formula 1. or 2. and divide by:	P _c ² - P _w ²	Slop As	ssure Curve pe = "n" - or signed ard Slope	n x LC	og [Ar	ntilog ·	De Equal	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flov					 Mcfd @ 14.6	65 psia		Deliverab	ility			Mcfd @	14.65 psi	a		
		3000	Lauthority o				states that b			n maka sh-	ahouo roc				wladge of	
	_		I authority, o					_		day of De		ortiand t	паспе па	•	20 <u>13</u>	
							,	•		raus	-44	Odni	<i>1</i> 2+ =			
			Witness (if any)					<i></i>	مرد ی	For	Company	<i>, , , , , , , , , ,</i>	K	CC WICH	
			For Comm	nission			•				C	irkad by				
			i oi coilli	IUI							Che	cked by		0	EC 13 201	

·I dec	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
empt s	status under Rule K.A.R. 82-3-304 on behalf of the operator Linn Operating, Inc.
nd that	the foregoing pressure information and statements contained on this application form are true and
rrect to	o the best of my knowledge and belief based upon available production summaries and lease records
equipn	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
I here	reby request a one-year exemption from open flow testing for the HCU 3321-C
as 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
	is not capable of producing at a daily rate in excess of 250 mcf/D
	ther agree to supply to the best of my ability any and all supporting documents deemed by Commission
aff as r	necessary to corroborate this claim for exemption from testing.
ate:/	12/2/13
	Signature: Man Hilbren
	Title: Regulatory Compliance Advisor

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 claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured 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 for 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.

DEC 13 2013