RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:					((See Instru	ctions on Re	everse Sia	le)					
Open Fl	ow				Toot Date	a.			, AD:	No. 15	,			
✓ Delivera	bilty				Test Date 11/21/1					l No. 15 ∙075-20405-	00-00			
Company inn Operatir	ng Ind	D .			,		Lease HCU				1331	Well N	umber	
County Location Hamilton C NE			Section 13		TWP 23S			/W)	Acres Attributed 640					
Field Bradshaw					Reservoir Winfield			Gas Gathering Connection Oneok Field Services						
Completion Date 02/15/88				Plug Bac 2726'	Plug Back Total Depth 2726'				Set at					
asing Size Weight .5 14			Internal (4.090	Diameter	Set at 2850'		Perforations 2552'		то 2563'					
Tubing Size Weight 2 3/8 4.7			Internal I 1.995	Diameter	Set at 2524'		Perforations		То					
Type Completion (Describe) Single Gas				Type Flui Gas - V	d Producti Water	on ·		Pump Unit or Traveling		g Plunger? Yes / No Yes				
Producing Thru (Annulus / Tubing) Annulus				% Carbon Dioxide				% Nitrog	gen	Gas 6	Gas Gravity - G _g .78			
Vertical Depth(H) 2529'				Pressure Taps Flange			******		•	(Meter Run) (Prover) Size 2.067"				
Pressure Build		Shut in 11									13 at 11:00		(AM) (PM)	
Well on Line:		Started		20) at		_ (AM) (PM)	Taken		20	at		(AM) (PM)	
						OBSERV	ED SURFAC	E DATA			Duration of Shu	t-in_24	l Hour	
Static / Orifice Dynamic Size Property (inches)		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0	Flowing . Well Hea Temperature t		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 (i iii		mories 11 ₂ 0			psig 31	45.4	Pump	psia	24			
Flow														
l		1				FLOW ST	REAM ATTR	RIBUTES		L				
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Gravity Extension Factor ✓ P _m xh F _g		tor	Flowing Temperature Factor F ₁₁		Deviation Metered Flores R F _{pv} (Mcfd)		w GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G _m	
	<u> </u>				(OPEN FL	OW) (DELI	VERABILITY	/) CALCU	LATIONS			$a^{2} = 0.$	207	
P _c) ² =	:	(P _w) ²		<u> </u>	P _d =		_% (I	P _c - 14.4) -	+ 14.4 =	: :) ² =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		se formula 1 or 2: $P_c^2 - P_a^2$ $P_c^2 - P_d^2$ and by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:	P _c ² - P _w ²	Slo As	essure Curv pe = "n" - or ssigned dard Slope	n v	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
					,									
Open Flow				Mcfd @ 14.6	•		Deliverat				Mcfd @ 14.65 p			
The unders e facts stated									-	ne above repo ecember	ort and that he h		wledge of 20	
								D	nau	~ A	Lion	D		
		Witness	(if any)				_		-	For	Company	KCC	WICH	
7.00		For Com	mission	1			-			Che	cked by		C 13 20	

I declare under penalty of perjury	under the laws of the state of Kansas that I am authorized to request
, , , , , ,	304 on behalf of the operator Linn Operating, Inc.
	nation and statements contained on this application form are true and
correct to the best of my knowledge an	d belief based upon available production summaries and lease records
of equipment installation and/or upon ty	ype of completion or upon use being made of the gas well herein named.
I hereby request a one-year exemp	otion from open flow testing for the HCU 1331 B
gas well on the grounds that said well:	
(Check one)	an aradusar
is a coalbed methar is cycled on plunge	
. 🛁	al gas for injection into an oil reservoir undergoing ER
	present time; KCC approval Docket No
	oducing at a daily rate in excess of 250 mcf/D
I further agree to supply to the bes	st of my ability any and all supporting documents deemed by Commission
staff as necessary to corroborate this	claim for exemption from testing.
,	
Date: /2/2//3	
	Signature: Mount Hierreta
·	Title: Regulatory Compliance Advisor
•	IIIe: Regulatory Compilance 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.