KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:					(See Inst	ructio	ns on Re	verse Sid	de)						
Ор	en Flov	٧				Tool Date					A D	I No. 15					
✓ Deliverabilty				Test Date: 12/04/13						API No. 15 15-075-20645-00-00							
Company Linn Ope		Inc	:						Lease HCU					2631-E	Well Nu 3	ımber	
County Hamilton			Location SW NE NE			Section 26			TWP 23S		RNG (E	RNG (E/W) 41W		Acres Attributed 640			
Field Bradshaw				.'	Reservoir Chase (la/FT	T.Riley)			thering Conn Field Service						
Completion Date 9/10/97					Plug Bac 2642'	epth			Packer	Packer Set at				-			
Casing Size 4.5			Weight 9.5			Internal Diameter 4.090			Set at 2684'			Perforations 2514'		To 2566'			
Tubing Size 2 3/8			Weight 4.7			Internal Diameter 1.995			Set at 2630'			Perforations		То			
Type Completion (Describe) Single Gas				Type Flui Gas - \		ction			Pump Unit or Traveling Pl			Plunger? Yes / No Yes					
Producing Thru (Annulus / Tubing) Annulus					Carbon D	ioxide	9		% Nitro		Gas Gravity - G						
Vertical D 2540	_)						ressu ange	ıre Taps					.779 (Meter F 2.068		rover) Size	
Pressure	Buildu	o:	Shut in 12	/03	20	13 at 1				Taken_1	12/04	20	13			(AM) (PM)	
Well on L					20) at		(/	AM) (PM)	Taken		20		at		(AM) (PM)	
							OBSEF	RVED	SURFAC	E DATA			Dura	tion of Shut-	_{in_} 24	Hours	
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t		Casing Wellhead Pressure (P_w) or (P_t) or (P_c)		Wellho	Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			poig (i iii)		1101003 1120				psig 24	98.4	Pump	psia	24			<i>;</i>	
Flow					·										1		
							FLOW S	STRE	AM ATTR	IBUTES		·				T	
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Fac	Gravity Factor F _g		Flowing Temperature Factor F _{f1}		Deviation Metered Flow Factor R F _{pv} (Mcfd)		GOR (Cubic Fe Barrel)		et/ ·	Flowing Fluid Gravity G _m	
						(OPEN FL				•					² = 0.2	207	
P _c) ² =		<u>:</u>	(P _w) ² :		se formula 1 or 2:	P _d =		<u>%</u>			+ 14.4 =	:	Γ	(P _d) ²	' =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F	(P _c) ² - (P _w) ²		1. P _c ² - P _a ² 2. P _c ² - P _d ² ed by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by:		Backpressure Curv Slope = "n" or Assigned Standard Slope		n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)			
Open Flo					Mcfd @ 14.6	· · · · · · · · · · · · · · · · · · ·			Deliverab	•				@ 14.65 psi			
												he above repo	ort and	that he ha			
he facts s	tated th	nerei	n, and that s	aid i	report is true	and correc	t. Execu	ited th	nis the _51		_ day of _ haus	December	וה מ		•	20 <u>13 </u>	
			Witness	(if any	·)				=	ו קמצ	·	For	Company		100	WICH	
·		•	For Com	missio				-	-	<u>-</u> -		Che	cked by		DEC	1 3 201	
													·		R	ECEIVE	

I declare unde	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
xempt status und	ler Rule K.A.R. 82-3-304 on behalf of the operator Linn Operating, Inc.
nd that the foreg	joing pressure information and statements contained on this application form are true and
orrect to the best	of my knowledge and belief based upon available production summaries and lease records
f equipment insta	allation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby reque	est a one-year exemption from open flow testing for the HCU 2631-B
as well on the gro	ounds that said well:
(Check	
	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
	is not capable of producing at a daily fate in excess of 250 months
I further agree	e to supply to the best of my ability any and all supporting documents deemed by Commissi
_	y to corroborate this claim for exemption from testing.
•	
Date: 12/5/	13
rate: <u>7007</u> 07	
	,
	Signature: Many Frieder
	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