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## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			(	See Instru	ctions on Re	everse Side	e) .					
□ Ор	en Flow		•	T4 D-4-				<b>ADI 1</b>	No. 15				
<b>√</b> De	liverabilty			Test Date 11/21/13					no. 15 175-00130-(	00-00			
Company Linn Operating Inc					Lease HCU				25			Well Number 920	
County Location Hamilton C SW NE			Section 29		TWP 22S			RNG (E/W) 40W		Acres Attributed 640			
Field Bradshaw				Reservoir Winfield			Gas Gathering Con Oneok Field Servi						
Completion Date 9/10/97				Plug Bac 2642'	k Total De	oth	Packer Set at		et at	-			
Casing Size Weight 4.5 9.5			Internal E 4.090	Diameter		Set at <b>2684'</b>		Perforations 2514'		то 2566'			
Tubing Size Weight 2 3/8 4.7			Internal D 1.995	Diameter		Set at 2630'		Perforations					
Type Con Single (	npletion (E Gas	Describe)		Type Flui Gas - \	d Production  Vater	on	Pump Unit or Travel Pump		t or Traveling	Plunger? Yes	/ No		
	g Thru (Ar	nnulus / Tubin	g)		arbon Dio	kide			n	Gas Gravity - G <sub>g</sub> .766			
Vertical Depth(H) 2540'					Pressure Taps Flange						Run) (Prov	er) Size	
2040 Pressure	Buildun:	Shut in 11/	/20	0 13 <sub>at</sub> 1			Taken 11	1/21	20	4.020 13 at 11:00		И) (PM)	
Well on L										at	•	(PM) (PM)	
	· · · · · · · · · · · · · · · · · · ·				OBSERV	ED SURFAC	E DATA			Duration of Shu	1-in 24	Hours	
Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressi psig (Pm)		Flowing Temperature t	Well Head Temperatur t	e Wellhead	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		tbing d Pressure (P <sub>1</sub> ) or (P <sub>c</sub> ) psia	Duration (Hours)	Liquid Produced (Barrels)		
Shut-In			2		•.	47	61.4	Pump	psia	24	,		
Flow					-								
					FLOW ST	REAM ATTR	RIBUTES						
Plate Coeffieci (F <sub>b</sub> ) (F Mcfd	ent P	Circle one:  Meter or  Prover Pressure  psia  Press Extension  ✓ P <sub>m</sub> x h		Gravity Factor F <sub>a</sub>		Flowing Temperature Factor F <sub>11</sub>	emperature Factor F		Metered Flow R (Mcfd)	w GOR (Cubic F Barrel	eet/	Flowing Fluid Gravity G <sub>m</sub>	
			<u>.  </u>		OW) (DELI	VERABILITY	* .				)2 = 0.207		
(P <sub>c</sub> ) <sup>2</sup> =	: :	(P <sub>w</sub> ) <sup>2</sup> =	Choose formula 1 or 2:	P <sub>d</sub> =			P <sub>c</sub> - 14.4) +	,	; ;	. (P <sub>d</sub>	)2 =		
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F	i	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> 1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>c</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		LOG of formula 1. or 2. and divide by:	formula 1. or 2. and divide   p 2 - p 2		Backpressure Curve Slope = "n" Assigned Standard Slope		og _	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
					,							<u></u>	
Open Flov	<u> </u>		Mcfd @ 14.	65 psia	· - · · · · · · · · · · · · · · · · · ·	Deliverat	pility	<u> </u>	. ,	Mcfd @ 14.65 ps	sia		
	ındersigne	ed authority, o	n behalf of the	Company, s	tates that	he is duly a	uthorized to	make the	above repo	rt and that he h	as knowled	ge of	
The u			aid report is true	and correct	t. Execute	d this the _2	nd .	day of De	cember		, 20	13	
	ated there	ein, and that sa	aid report is true						, , -				
	ated there	ein, and that sa				•	M	us	Ari	Min	-	WICH	

l de	clare 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 tha	t the foregoing pressure information and statements contained on this application form are true and
correct	to the best of my knowledge and belief based upon available production summaries and lease records
of equip	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
The	reby request a one-year exemption from open flow testing for the HCU 2920
gas wel	I 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
I fu	rther 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: _	12/2/13
	Signature: Man Huarem
	Title: Regulatory Compliance Advisor
	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.

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