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

Type Test	t:				. (	See Instruct	ions on Re	everse Side	e)							
Open Flow						D-t			. = -	·						
✓ Deliverabilty				Test Date: 12/04/13				API No. 15 15-075-20765-00-00								
Company Linn Operating Inc					Lease HCU				,		Well Number 2422-D					
County Location Hamilton SW NE NE				Section 24	11	TWP 22S		RNG (E/	W) .		Acres Attributed 640					
Field Bradshaw					Reservoir Winfield				nering Conn Field Servic							
Completion Date 9/29/01				Plug Bac 2752	Plug Back Total Depth . 2752			Packer S	etat :		: ·					
Casing Size Weight 4.5 10.5				Internal [ 4.052	Internal Diameter 4.052		Set at 2800'		rations 5'	т <sub>о</sub> 2704'						
Tubing Size Weight 2 3/8 4.7				Internal [ 1.995	Internal Diameter Set at 1.995 2720'			Perforations			То					
Type Completion (Describe) Single Gas					Type Fluid Production  Gas - Water			Pump Unit or Traveling Plunger? Yes / No Pump Yes								
Producing Thru (Annulus / Tubing) Annulus					· ~% C	% Carbon Dioxide								Gas Gravity - G <sub>g</sub>		
Vertical D 2660'	epth(H	)	. •	ż		Pressure Taps Flange						(Meter Ru 3.069	ın) (Prov	er) Size		
Pressure	Buildu	p:	Shut in 12/0	3 2	0 13 at 1	1:00 AM	(AM) (PM)	Taken 12	2/04	20	13 at 1	11:00 AI	M (AN	Л) (PM)		
Well on L	.ine:		Started	2	0 at		(AM) (PM)	Taken	-	20	at		(AN	/I) (PM)		
				•	•	OBSERVE	D SURFAC	E DATA			Duration	of Shut-in	24	Hours		
Static / Dynamic Property	Orific Size (inche	е	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	1	sing I Pressure P <sub>1</sub> ) or (P <sub>c</sub> ) psia	Tubing  Wellhead Pressure  (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )  psig psia		1	· Duration Li (Hours)		roduced rels)		
Shut-In			, , ,	2			20	34.4	Pump	psia	24					
Flow																
				. '		FLOW STR	EAM ATTF	RIBUTES	•							
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one:  Meter or  Prover Pressure  psia		Press Extension √ P <sub>m</sub> xh	Grav Fac F	tor	Flowing femperature Factor F <sub>tt</sub>	erature Factor		tor R		GOR Cubic Feet/ Barrel)	,	Flowing Fluid Gravity G <sub>m</sub>		
			·			· .										
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =_	· :		OW) (DELIV		/) CALCUL P <sub>c</sub> - 14.4) +		:	•	$(P_a)^2 = (P_d)^2 = (P_d$	= 0.207 =	,		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	noose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ vided by: $P_c^2 - P_w^2$	LOG of formula 1, or 2. and divide	P <sub>c</sub> <sup>2</sup> · P <sub>w</sub> <sup>2</sup>	Backpressure Curve Slope = "n" or Assigned Standard Slope		l n x I	.og	Antik	og	Delive Equals R	Open Flow eliverability Is R x Antilog (Mcfd)		
								,								
<del></del>				•	1								•			
Open Flor	w			Mcfd @ 14.	65 psia	· · · · · · · · · · · · · · · · · · ·	Deliveral	bility			Mcfd @ 1	4.65 psia				
The (	undersi	gned	d authority, on	behalf of the	Company, s	states that h	e is duly a			•	ort and tha	it he has	knowled	lge of		
he facts s	tated th	nerei	n, and that said	d report is true	e and correc	t. Executed	this the 5	th	day of $\frac{D}{2}$	ecember	<del>/</del>	<u></u>	, 20	<u>13</u> .		
····			Witness (if a	ny)		•		XY	un	For	Company	KC	<del>C</del> W	ICHI		
			For Commiss	sion		<u> </u>				Che	cked by	חב	<u> </u>	3 2013		
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	of perjury under the laws of the state of Kansas that I am authorized to request A.R. 82-3-304 on behalf of the operator Linn Operating, Inc.
	sure information and statements contained on this application form are true and
correct to the best of my kno	owledge and belief based upon available production summaries and lease records
of equipment installation and	d/or upon type of completion or upon use being made of the gas well herein named.
I hereby request a one-y	vear exemption from open flow testing for the HCU 2422-D
gas well on the grounds that	
(Check one)	
is a coalb	ped methane producer
is cycled	on plunger lift due to water
is a source	ce of natural gas for injection into an oil reservoir undergoing ER
is on vac	uum at the present time; KCC approval Docket No
✓ is not car	pable of producing at a daily rate in excess of 250 mcf/D
**	to the best of my ability any and all supporting documents deemed by Commission
staff as necessary to corrob	porate this claim for exemption from testing.
Date: 12/5/13	
	Signature: Shan Hieron
	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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