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

Type Test						. (	See Ins	structi	ons on Re	verse Side	e)					
	en Flov liverabi		•			Test Date						No. 15	20.00			
Company						12/04/13	3		Lease		15-0	75-20226-0	00-00		Well No	ımher
Linn Ope		Inc	·						HCU			٠	•	0521		
County Location Hamilton NE SW				Section 5			TWP 22S			<b>V</b> )			Acres 640	Attributed		
Field Bradshaw					Reservoir Winfield				Gas Gathering Connection Oneok Field Services							
Completic 7/26/79	on Date	Э				Plug Back	k Total	Depti	า		Packer S	et at				
Casing Size Weight 4.5 9.5				Internal Diameter 4:090			Set at <b>2805'</b>		Perforations 2757'			т <sub>о</sub> 2763'				
Tubing Size Weight 2 3/8 4.7				Internal Diameter 1.995				Set at Perforations 2751'		ations		То				
Type Completion (Describe) Single Gas				Type Fluid Production Gas - Water				Pump Unit or Traveling Plunger? Yes / No Yes								
Producing Annulus	•	(Anr	nulus / Tubin	g)		. % C	arbon I	Dioxid	de		% Nitroge	en	,	Gas G .772	ravity -	G <sub>g</sub>
Vertical D	epth(H	)						Press	ure Taps			· · · · · · · · · · · · · · · · · · ·		(Meter	Run) (F	rover) Size
2760'								lang						2.067		<del>.</del>
Pressure	Buildu											20				(AM) (PM)
Well on Li	ine:		Started		20	0 at		<del></del>	(AM) (PM)	Taken	· . ·	20	at _	<del></del>		(AM) (PM)
			* .				OBSE	RVE	D SURFAC	E DATA			Duration	of Shut	-in 24	Hours
Static / Dynamic Property	ynamic Size		Meter Prover Pressure		Pressure Differential in	Flowing Temperature t	Well Head Temperature t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In		-	psig (Pm)		Inches H <sub>2</sub> 0				psig 12	psia 26.4	Pump	psia	24	24		
Flow																
1			I				FLOW	STR	EAM ATTR	IBUTES	<u> </u>				1	
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia			Press Grav Extension Fact  ✓ P <sub>m</sub> xh F <sub>g</sub>		tor Temperature		Factor		Metered Flor R (Mcfd)	(Cubic Fe		eet/	Flowing Fluid Gravity G <sub>m</sub>	
													L			
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	:	;	(OPEN FLO		ELIVI %	ERABILITY 6 (F	•	.ATIONS . 14.4 =	<u> </u>			$0^2 = 0.2$ $0^2 = $	207 -
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		1	ose formula 1 or 2. $P_c^2 - P_a^2$ $P_c^2 - P_d^2$ ed by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide p2_p		Backpressure Cun Slope = "n" or Assigned Standard Slope		pe = "n" - or signed	n x l OG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
			;													
Open Flov	N				Mcfd @ 14.	65 psia			Deliverab	oility		··	Mcfd @	14.65 ps	ia	
The u	undersi	gned	d authority, o	n be	ehalf of the	Company, s	tates th	nat he	e is duly au			e above repo	ort and th	at he ha		Ū
he facts st	tated th	erei	n, and that s	aid i	report is true	and correc	t. Exec	uted	this the 51	th	day of De	ecember				20 13
										SI	Laur	-Hi	enr	IN		
			Witness (	if any	)			<del></del> .	, .		•	For	Company		KCC	: WICH
			For Comm	nissio	n				-			Che	cked by		DEC	1 3 201

	y under the laws of the state of Kansas that I am authorized to request 3-304 on behalf of the operator Linn Operating, Inc.
and that the foregoing pressure info	rmation and statements contained on this application form are true and
correct to the best of my knowledge a	and belief based upon available production summaries and lease records
of equipment installation and/or upon	type of completion or upon use being made of the gas well herein named.
I hereby request a one-year exen	nption from open flow testing for the HCU 0521 B
gas well on the grounds that said wel	
(Check one)	
is a coalbed metha	ane producer
is cycled on plung	ger lift due to water
is a source of natu	ural gas for injection into an oil reservoir undergoing ER
is on vacuum at th	e present time; KCC approval Docket No
is not capable of p	producing at a daily rate in excess of 250 mcf/D
•	
I further agree to supply to the be	est of my ability any and all supporting documents deemed by Commissior
staff as necessary to corroborate this	s claim for exemption from testing.
1 12	
Date: 12/5/13	
•	11.
	Signature: Man Husters
	Title: Regulatory Compliance Advisor
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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.

KCC WICHITA

DEC 13 2013

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