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

:			(	See Ins	tructions on F	Reverse Sid	e) .					
en Flow			Took Date				ADI	No. 15				
✓ Deliverability												
	Inc			<del>-</del>	Lease HCU				2		Number	
ounty Location amilton SE			Section 22		TWP 23S			• •		· Acres Attributed 640		
Field Bradshaw												
Completion Date 08/20/90			Plug Bac 2588	k Total I	Depth	Packer Set at		Set at				
sing Size Weight 9.5		Internal E 4.090			Set at 2647		Perforations 2447		то <b>24</b> 56			
bing Size Weight 4.7			Internal D 1.995	Diameter		Set at Perforation 2573		rations	s To			
Type Completion (Describe) Single Gas					ction	Pump Unit or Trave Pump			ng Plunger? Yes / No Yes			
	Annulus / Tub	ping)	% C	Carbon E	Dioxide		% Nitrog	jen			- G <sub>g</sub>	
epth(H)											(Prover) Size	
Buildup	: Shut in _	1/20	20_13_at_1	1:00 A	M (AM) (PN	//). Taken 1	1/21	20	13 <sub>at</sub> 11	:00 AM	_ (AM) (PM)	
ine:	Started		20 at		(AM) (PN	/I) Taken		20	at		_ (AM) (PM)	
				OBSE	RVED SURFA	CE DATA	<b>-</b>		Duration of	Shut-in_2	24 Hours	
Size	rifice Meter Di		lemperature t	Tempera t	wellher (P <sub>w</sub> ) or	ad Pressure (P <sub>1</sub> ) or (P <sub>c</sub> )	Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		l .	i	Liquid Produced (Barrels)	
	,	, , , , , , , , , , , , , , , , , , , ,			105	119.4	Pump		24			
				FLOW	STREAM ATT	TRIBUTES						
ient p)	Meter or Exter		Fac	tor	_	e Fa			GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
	: (P <sub>w</sub> )	<sup>2</sup> = :	•		ELIVERABILIT	**		<u> </u>		$(P_a)^2 = 0$ $(P_d)^2 = 0$	0.207	
P <sub>a</sub> ) <sup>2</sup>	$ (P_c)^2 - (P_w)^2 $ $ (P_c)^2 - (P_w)^2 $ $ (P_c)^2 - P_w^2 $ $ (P_c)^2 - P_d^2 $ $ (divided by: P_c^2 - P_w^2 ) $		LOG of formula 1. or 2. and divide	formula 1. or 2. and divide   P 2 - P 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG			Open Flow Deliverability Equals R x Antilog (Mcfd)	
w_		Mcfd @ 14	.65 psia		Deliver	ability		***************************************	Mcfd @ 14.	65 psia		
undersig	ned authority,	on behalf of the	Company, s	states th	at he is duly	authorized	to make th	ne above repo	ort and that	he has kn	owledge of	
tated the	erein, and that	said report is tru	e and correc	t. Execu	uted this the	2nd	day of _D	ecember			, 20 13	
						11			- '			
	-					XY	an	~ 7 Y-	ien	the	CC WICH	
	en Flow liverability programme in Plow won Date ize ize inches ize ize inches ize	en Flow liverability  ferating Inc  Loc SE  W  on Date  ize Wei 9.5  ize Wei 4.7  npletion (Describe)  Gas Gas Garthru (Annulus / Tub Septh(H)  Buildup: Shut in 1 ine: Started   Orifice Size (inches) Frover Pressure psig (Prover Pressure psi (Prover	en Flow liverability  Perating Inc  Location SE  W  On Date  Dize Weight 9,5  Ize Weight 4.7  Inpletion (Describe)  Gass  Garthru (Annulus / Tubing)  Septh(H)  Buildup: Shut in 11/20  Ine: Started Prover Pressure paig (Pm)  Orifice Size (Inches)  Pressure Prover Pressure paig (Pm)  Circle one: Meter or Prover Pressure paig (Pm)  Circle one: Started Inches H <sub>2</sub> 0  Circle one: Pressure paig (Pm)  Meter or Prover Pressure paig (Pm)  Circle one: Pressure paig (Pm)  Circle one: Pressure paig (Pm)  Meter or Prover Pressure paig (Pm)  Circle one: Pressure paig (Pm)  Circle one: Pressure paig (Pm)  Meter or Prover Pressure paig (Pm)  Meter or Prover Pressure paig (Pm)  Circle one: Pressure paig (Pm)  Meter or Prover Pressure paig (Pm)  Meter	reating Inc  Location SE 22 Reservoir Winfield Section SE 2588 Size Weight Size Size Size Size Size Size Size Size	reating Inc  Location SE 22  Reservoir Winfield  Plug Back Total 1 2588  Internal Diameter 4.79  Possible 1 1.995  Internal Diameter 1.995  Imperature Internal Diameter 1.995  Internal Diameter 1.	en Flow liverability	Test Date:	Test Date:   API   11/21/13   15/21	Test Date: API No. 15 15-075-20483- forating Inc	Test Date:	Test   Date	

I declare 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 that 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 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 exemption from open flow testing for the HCU 2230-B
gas well 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 further agree to supply to the best of my ability any and all supporting documents deemed by Commissi
staff as necessary to corroborate this claim for exemption from testing.
ciall de hoodsdary to correspond to the cially for exemption from testing.
Date: 12/2/13
Date: 7 27 27 7 5
Signature: Mann Hierur
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.

KCC WICHITA

DEC 13 2013

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