KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruct	ions on Re	everse Sid	e)					
Op	en Flow				Test Date	a.				No. 15	•			
√ Del	liverabilty				12/04/1					75-20675-0	00-00	•		
Company inn Ope	erating Ir	ıc		,			Lease . HCU				2921-	Well Nu B	ımber	
County Location Hamilton C W/2 NE NW			Section 29		TWP 22S			V)		Acres Attributed 640				
Field Bradshav	· . w				Reservoir Winfield	,				ering Conn Field Servic				
Completion Date 9/23/98				Plug Bac 2884'	k Total Dept	h .	Pac		et at					
Casing Si .5	ssing Size Weight 5 10.5				Internal Diameter 4.052		Set at 2931'		Perforations 2690'		то 2766'			
ubing Size Weight 4.7			Internal D 1.995	Diameter	Set at 2751'		Perforations		То					
Type Completion (Describe) Single Gas			Type Flui Gas - \			Pump Uni Pump	t or Traveling	Plunger? Yes / No Yes						
Producing Thru (Annulus / Tubing) Annulus				% Carbon Dioxide			 	% Nitroge	en , .	Gas Gravity - G _g				
Vertical Depth(H) 2728			Pressure Taps Flange						(Meter	(Meter Run) (Prover) Size 2.067"				
ressure	Buildup:	Shut in 12	2/03	2	0 13 at 1			Taken 1	2/04	20	13 _{at} 11:00		(AM) (PM)	
Vell on Li	ine:										at		(AM) (PM)	
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in 24	Hours	
Static / ynamic roperty	Orifice Size (inches)	Circle one: Meter Prover Pressure		Pressure Differential in	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c)		Duration (Hours)	1 '	Liquid Produced (Barrels)	
Shut-In		psig (Pm	()	Inches H ₂ 0			psig 22	95ia 36.4	Pump	psia	24			
Flow														
						FLOW STR	EAM ATTF	RIBUTES						
Plate Coefficeient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Eutonoion		ior i	Flowing emperature Factor F ₁₁	perature Factor F		Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
	1													
						OW) (DELIVI	•	-				$r^2 = 0.2$.07	
o ^c) _s =	 :	(P _w) ²	,	ose formula 1 or 2:	P _a =		% (I	P _c - 14.4) +	14.4 =	<u> </u>	(P _d))2 =		
(P _c) ² - (P or (P _c) ² - (P		(P _c) ² - (P _w) ²		056 formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² led by: P _c ² + P _w ²	LOG of formula 1. or 2. and divide by:		Backpressure Curv Slope = "n" or Assigned Standard Slope		nxi	og [Antilog	Del Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
		,												
	:			·	ļ					• •				
pen Flov	<u>.</u>			Mcfd @ 14.6	65 psia		Deliverat	oility			Mcfd @ 14.65 ps	ia		
The u	ındersigne	ed authority,	on b	ehalf of the	Company, s	tates that he	e is duly a	uthorized t	to make the	above repo	rt and that he ha	is know	ledge of	
e facts st	ated there	ein, and that	said	report is true	and correct	t. Executed	this the 5	th	day of De	cember	•		20 13 .	
		Witness	(if any	<i>(</i>)		· ·	· ·	SI	Mus	- 4/- For C	UM DIA	KCC	: WICH	
	v	For Com				· ·					cked by	-ne(: 13 20	
		. 3. 301								Cried				
							•					F	RECEIVI	

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler Rule K.A.R. 82-3-304 on behalf of the operator Linn Operating, Inc.
and that the forest correct to the best of equipment inst	going pressure information and statements contained on this application form are true and tof my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named.
gas well on the gr	ounds that said well:
staff as necessar	y to corroborate this claim for exemption from testing.
Date: /2/	5/13 Signature: Man Hrearett
•	Title: Regulatory Compliance Advisor
en Personal de la companya de la compa	

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