KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				· · · · · (See Inst	tructions o	n Reve	erse Side	9)				
	en Flow				Test Date	e:					No. 15			
	✓ Deliverabilty 12/04/13					3 .	i	15-075-20411-00-00						
Company Linn Ope		nc					Lea HC				•	1631 E	Well N 3	umber
County Location NW				Section 16		TWP 23S		RNG (E/W) 41W			Acres Attributed 640			
Field Bradshaw				Reservoir Winfield				Gas Gathering Connection Oneok Field Services		ection es	•	,		
Completion Date 5/30/88				Plug Bac 4364'	Plug Back Total Depth 4364'			h		Packer Set at				
Casing Si 5.5	Casing Size Weight .5 15.5			Internal [4.090		Set at 4422'		Perforations 2486'		то 2499'				
Tubing Si 2 3/8	ubing Size Weight 3/8 4.7				Internal [1.995		Set at 2539'		Perforations		То			
Type Completion (Describe) Single Gas				Type Flui	Type Fluid Production Gas - Water					Pump Unit or Traveling Plun Pump		inger? Yes / No Yes		
Producing Thru (Annulus / Tubing) Annulus				% C	% Carbon Dioxide			le % Nit		en.		Gas Gravity - G _g		
Vertical Depth(H) 2492'					Pressure Taps Flange				(Meter Run) (Prover) \$ 2.067"				Prover) Size	
Pressure	Pressure Buildup: Shut in 12/03 20					13 at 11:00 AM (AM) (PM) Ta			Taken 12	2/04	20			(AM) (PM)
Well on Li	ine:	Started		20	0 at		(AM)	(PM)	Taken		. 20	at		(AM) (PM)
						OBSE	RVED SUF	RFACE	DATA			Duration of Shut-	in _24	Hours
Static / Dynamic Property	namic Size		one: Pressure Per Differential ressure in Pm) Inches H ₂ 0		Flowing Well Head Temperature t		ture Wel	Mollhoad Proceur		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		1 7		id Produced (Barrels)
Shut-In							57		71.4	Pump	Pola	24		
Flow														
						FLOW	STREAM A	ATTRIE	BUTES		1			
Plate Coeffieci (F _b) (F Mcfd	ent ,	Circle one: Meter or Prover Pressure psia		Press Grav Extension Fact ✓ P _m xh F _g		tor	Tempera	emperature Factor F		riation Metered Flov		w GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m
					(OPEN FL	OW) (DE	I IVERARI		CALCUL	ATIONS				
(P _c) ^{2 -} =	:	(P _w) ²	² =	:	P _d =		%		· 14.4) +		;	(P _a) (P _d)	2 = 0.2 2 =	207
(P _c) ² - (F or (P _c) ² - (F	"	(P _c) ² - (P _w) ²		ose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _o ² 1. OG of formula 2. P _c ² - P _o ² 1. or 2. and divide by: P _c ² - P _w ²		P.2 - P.	2	Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog Del Equals		pen Flow eliverability is R x Antilog (Mcfd)
Open Flor	N		<u> </u>	Mcfd @ 14.	65 neia		Deli	verabil	itv			Mcfd @ 14.65 ps	ia.	
· · · · ·												· · · · · · · · · · · · · · · · · · ·		
		ed authority, rein, and that				•			• •	_	ecember	ort and that he ha		vledge of 20 <u>13</u>
-									N	nas.		Linn		
		Witnes	s (if an	у)			- .	_			For C	Company	THE	C WIC
		For Cor	mmissio	on		····	.	_			Che	cked by	- 0	EC 13 2
												-	_	

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 inform	mation and statements contained on this application form are true and
correct to the best of my knowledge ar	nd belief based upon available production summaries and lease records
of equipment installation and/or upon t	type of completion or upon use being made of the gas well herein named.
I hereby request a one-year exem	ption from open flow testing for the HCU 1631 B
gas well on the grounds that said well:	
(Check one)	
is a coalbed metha	ne producer
is cycled on plunge	er lift due to water
is a source of natur	ral gas for injection into an oil reservoir undergoing ER
is on vacuum at the	e present time; KCC approval Docket No
✓ is not capable of pr	roducing at a daily rate in excess of 250 mcf/D
	st of my ability any and all supporting documents deemed by Commission
staff as necessary to corroborate this	claim for exemption from testing.
/ /	
Date: 12/5//3	
·	
	Signature: Man Historica
	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.

DEC 13 2013