KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	:			(See Instruct	ions on Re	verse Side	·)				
Ope	en Flow			Took Date				A DI	N- 45		•	
√ Del	✓ Deliverabilty Test Day 12/04					•			No. 15 075-20708-0	00-00		
Company Linn Operating Inc				· · · · · ·	Lease HCU						Well Number 2911-B	
County Location Hamilton C NW			Section 29		TWP 21S		RNG (E/W) 41W		Acres Attributed 640			
Field Bradshaw				Reservoi Winfield		•	· Gas Gathering Conn Oneok Field Servic					
Completio	on Date	•		Plug Bac 2905'	k Total Dept	h		Packer S	Set at			
Casing Size Weight 1.5 10.5			Internal I 4.052	Internal Diameter 4.052		Set at 2951		rations 2'	то 2780'			
2 3/8	ubing Size Weight 3/8 4.7			Internal [1.995	Internal Diameter 1.995		Set at 2780'		rations	То		
Type Completion (Describe) Single Gas				Type Flui Gas - V	d Production Water	າ [']	Pump Unit or Travelin Pump		g Plunger? Yes / No Yes			
Producing Thru (Annulus / Tubing) Annulus				% c .016	Carbon Dioxid	de	% Nitrogen 30.793			Gas Gravity - G _ç .7750		
Vertical Depth(H) 2771					Pressure Taps Flange					(Meter Run) (Prover) Size 2.067"		
Pressure	Buildup:	Shut in 12	/03	₂₀ _13 at _1	1:00 AM	(AM) (PM)	Taken_12	2/04	20	13 at 11:00	AM (AM) (PM)	
Well on Li	ine:	Started		20 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
1					OBSERVE	· ·				Duration of Shut	-in_24 Hours	
Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Press psig (Pm)	Differential in	lemperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In						31	45.4	Pump	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	24	-	
Flow												
•	- 1	· · · · · ·			FLOW STR	EAM ATTR	IBUTES					
Plate Coeffieci (F _b) (F _p Mcfd	ient P	Circle one: Meter or rover Pressure psia	Press Extension ✓ P _m x h	Grav Fac F	tor Temperature		Fa	iation ctor - pv	Metered Flov R (Mcfd)	GOR (Cubic Fe Barrel)	eet/ Fluid	
		··-				,						
P _c) ² =	:	(P _w) ² :	= :	(OPEN FL	OW) (DELIV	•) CALCUL ್ಡ - 14.4) +		:	(P _a)	$0^2 = 0.207$ $0^2 = 0.207$	
(P _c) ² - (F or (P _c) ² - (F	-	(P _c) ² - (P _w) ²	Choose formula 1 or 1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P	ose formula 1 or 2: 1. P _c ² - P _a ² LOG of formula 2. P _c ² - P _d ² 1. or 2. and divide		Backpri Sto			LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				w ,								
<u> </u>												
Open Flow	<i>N</i>		Mcfd @ 14	1.65 psia		Deliverat	oility	· .		Mcfd @ 14.65 ps	ia	
			on behalf of the said report is tru	-			_		e above repo ecember	rt and that he h	as knowledge of	
e iacis Si	iaieu illefi	eni, anu mat s	aiu report is tri	e and correc	. Executed	uns ine _	M	day or	41	- palace	, 20 <u></u>	
		Witness	(if any)					vvv	- / / For 0	company	KCC WICI	

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 2911-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 Commission staff as necessary to corroborate this claim for exemption from testing.
Date: 12/5/13
Signature: Man Hilmen
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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