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KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				•	. (See Instruct	tions on Re	verse Side	?)		•		
✓ Open Flow✓ Deliverabilty					Test Date:			API No. 15					
Company					11/21/1	3	· Leone		15-0	075-20478-0	00-00	Wall Niveshau	
Linn Ope		Inc					Lease HCU				2120-	Well Number B	
County Hamilton			Locatio NE	n `	Section 21		TWPF		_RNG (E/W) '40 W		Acres Attributed 640		
Field Bradshaw			Reservoir Winfield				Gas Gathering Connection Oneok Field Services						
Completion Date 10/24/90					Plug Bac 2812'	Plug Back Total Depth 2812'		n Packe		et at			
Casing Si 4.5"	ze		Weight 9.5		Internal I 4.090			Set at 2852'		rations 1'	то 2805'		
Tubing Size 2 3/8"			Weight		Internal I	Diameter	Set a 267		Perfor	rations	To .		
Type Com	pletion	(Desc				d Production			Pump Un	it or Travelino	Plunger? Yes	/ No .	
Single Gas					4.	Pump			Yes				
Producing Thru (Annulus / Tubing) Annulus					% C	Carbon Dioxi	de	% Nitrogen			Gas Gravity - G _g .744		
Vertical Depth(H)					Pressure Taps							Run) (Pròver) Size	
2743					Flange						2.067		
Pressure	Buildup	: Sh	ut in	2	0_13 at_	1.00 AW	(AM) (PM)	Taken_11	1/21	20	13 _{at} 11:00	AM (AM) (PM)	
Well on Li	ne:	Sta	arted	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	D SURFACI	E DATA			Duration of Shut	-inHours	
Static / Dynamic Property	namic Size		Circle one: Meter rover Pressure	1	Flowing Temperature t	Well Head Temperature	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_1) or (P_0)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H₂0	-		psig psia 111 125.4		Pump	psia	24		
Flow													
		·				FLOW STR	EAM ATTR	IBUTES					
Plate Coefficci (F _b) (F _c Mcfd	,)	Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m xh	Pacion		Temperature F		iation ctor r	Metered Flow R (Mcfd)	v GOR (Cubic Fe Barrel)	eet/ Fluid Gravity	
(P _c) ² =		:	(P _w) ² =	:		OW) (DELIV	• • • •) CALCUL _c - 14.4) +		· •		$0)^2 = 0.207$ $0)^2 =$	
(P _c) ² - (P or (P _c) ² - (P)2 a)2	(P _c) ² - (P _w) ²		1. P _c ² - P _a ² 2. P _c ² - P _d ² vided by: P _c ² - P _d ²	LOG of formula 1. or 2. and divide p 2 p 2		Backpressure Curve Slope = "n" or Assigned Standard Slope			oe [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
											•		
											,		
Open Flow Mcfd @ 14.65 psia						Deliverability Mcfd @ 14.65 psia					ia .		
The u	ndersig	ned a	uthority, on	behalf of the	Company, s	tates that he	e is duly au	thorized to	make the	e above repo	rt and that he ha	as knowledge of	
he facts st	ated the	erein,	and that said	report is true	and correc	t. Executed	this the 2r	nd .	day of De	ecember		, 20 13	
			Witness (if a	ny)			_	SYL	an	- //_ For C	Company Company	WOO MICE	
												KCC WICI	
			For Commiss	sion .	4 1	:		,		Chec	cked by	DEC 49 9	

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 2120-B
gas well on the grounds that said well:
gas well of 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:
Signature: Man Hierry
Title: Regulatory Compliance Advisor
, inc

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.

CC WICHITA
DEC 13 2013

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