KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				0	See Instruc	tions on Rev	erse Side	e)			
Open Flow			X Shut-In i	Pressure	Toet Date	Test Date:			ΛDI	No. 16		
Deliverabilty					12/6/20		API No. 15 103-20718-0000				0	
Company		s Pe	troleum, in	5.			Lease Runneba	ıum			E-3	Vell Number
County Leavenworth			Locati SW SW	Section 23		TWP 9S		RNG (E/W) 22E		Acres Attributed 40		
Field Lamborr	า			Reservoir McLouth			Gas Gathering Co COG Transmiss					
Completic 9/5/86	on Dat	e		Plug Back Total Depti		th.	Packer Set a N/A		et at			
Casing Size 4-1/2"			Weigh 9.0#	t	Internal Diameter		Set at 1138		Perforations 1103		то 1106	
Tubing Si 2-7/8"	ize		Weight 4.7#		Internal Diameter		Set at 1122		Perforations		То	
Type Con Gas	npletio	n (De	escribe)		Type Fluid Production Water (Nil)				Pump Unit or Traveling F Rod Pump		Plunger? Yes / No	
Producing Annulus	-	(Anr	rulus / Tubing	% Carbon Dioxid		le		% Nitrogen Nil		Gas Gravity - G _g		
Vertical D 1106	Depth(H	1)				Pres	sure Taps				(Meter F 2"	Run) (Prover) Size
Pressure	Buildu	p: :	Shut in	5 2	0_15 at_9	:20AM	(AM) (PM)	Taken_12	2/6	20	15 at 11:00A	(AM) (PM)
Well on L	.ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
	-			•		OBSERVE	D SURFACE	DATA			Duration of Shut-i	nHours
Static / Orifice Dynamic Size Property (inches		е	Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	ture (P_w) or (P_t) or (P_c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
Shut-In			postiny	mondo rigo			psig 8	psia	psig	psia	24+	
Flow						-						
	1		6 1		1	FLOW STE	REAM ATTRI	BUTES		<u>.</u>	<u> </u>	
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension √ P _m x h	Grav Fac F	tor	Flowing Temperature Factor F _{ft}		riation actor = pv	Metered Flov R (Mcfd)	v GOR (Cubic Fer Barrel)	Flowing Fluid Gravity G_m
	·				(OBEN EL	OWY (DE) IV	/ERABILITY)	CALCIII	ATIONS			
(P) ² =			(P)2=	: :	•	• •	•	- 14.4) +		:	(P _a)፣ (P _a)፣	? = 0.207 ? =
(P _c) ² - ((P _a)²	(F	P _s)² - (P _w)²	Choose formula 1 or 2 1. P _c ² - P _e ² 2. P _c ² - P _d ² divided by: P _c ² - P _w	LOG of formula 1, or 2.		Backpres Slope Ass	sure Curve e = "n" origned rd Slope	, ,	.og	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
					-							
Open Flo				 Mcfd @ 14	.65 psia	<u>.</u>	Deliverabi	lity		<u>, </u>	Mcfd @ 14.65 psi	<u> </u> a
-		iana	d authorit: -		· ·	otatoo that I		-	to make the			
		-		aid report is tru	• •		•			ecember	ort and that he ha	, 20 <u>15</u>
						KCC V	VICHIT.	A_	(ce)		<u> </u>	
			Witness (if any)			7 2015_			For (Company	
			For Com	nission			t rain-	<i>-</i>		Che	cked by	

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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 Running Foxes Petroleum, 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 Runnebaum E 3
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: 12/11/2015
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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.