KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			(See Instruct	lions on Rev	erse Side)			
	en Flow eliverabilt	X Shut-In	Pressure	Test Date 12/4/20					No. 15 -20338-000	0	
Company Running		Petroleum, Ir	1C.	<u> </u>	<u> </u>	Lease J Heim					Well Number
County Location Leavenworth SE SW SW				Section 20		TWP 8S		RNG (E/W) 22E		Acres Attributed 40	
Field				Reservoir McLouth					ering Conna	ection Corporation	
Completion Date 2/10/86			Plug Bac 1354	Plug Back Total Depth 1354			Packer Set at N/A				
Casing Size Weight 4-1/2" 9.5#		ht	Internal D	Diameter	Set at 1354		Perforations 1280		То 1298		
Tubing Size Weigh 2-3/8" 4.7#			Internal Diameter		Set at 1272		Perforations		То	То	
Type Completion (Describe) Single Gas				Type Fluid Production Water (Nil)			Pump Unit or Traveling Plunger? Pump			/ No	
Producing Thru (Annulus / Tubing Casing			ıg)	% Carbon Diox Nil			le % Nitrog Ni l		jen Gas Gra		avity - G _g
Vertical Depth(H) 1298			Pressure Taps						(Meter	Run) (Prover) Size	
Pressure	Buildup:	Shut in	/32	0_15_at_9	:45AM	(AM) (PM)	Taken 12	2/4	20	15 at 11:05/	AM (AM) (PM)
Well on L	.ine:	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
					OBSERVE	D SURFACE	DATA			Duration of Shut-	in Hour
Static / Dynamic Property	Orifice Size (inches	Meter Prover Press	Differential in	Flowing Well Head Temperature t		Casing Wellhead Pressure (Pw) or (P1) or (Pc) psig psia		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-In					_	35	раш	paig	рыа	24+	
Flow						<u> </u>		<u></u>			<u> </u>
		Circle and	T		FLOW STR	EAM ATTRII	BUTES	·			
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension P _m xh	Grav Fac F	tor 7	Flowing Temperature Factor F _{rt}		iation ctor pv	Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)	l Grevity
				<u> </u>		<u>.</u>					
(P _c) ² =		: (P _w) ² :	=:	(OPEN FLO		ERABILITY)	CALCUL - 14.4) +		:	(P _a) (P _d)	² = 0.207
(P _a) ² - (I or (P _a) ² - (I		(P _o) ² - (P _w) ²	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Šlope Assi	sure Curve = "n" or igned rd Slope	nxl	oe [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
_											
Open Flo	iw		Mcfd @ 14.	65 psia		Deliverabil	ity		. <u>-</u>	Mcfd @ 14.65 ps	l ia
The	undersig	ned authority, o	on behalf of the	Company, s	states that h	e is duly aut	horized t	o make th	e above repo	ort and that he ha	as knowledge of
the facts s	stated the	erein, and that s	said report is true	and correc	t. Executed	this the 11	th	day of Do	ecember		, 20 _15
· · · · · ·	- 	Witness	(if any)	KC	C WIC	::::TA-	1	Je	For	Company	
		For Com	mission	0	E C 17 :	2015	<u>/</u>	<u>U</u>	Che	cked by	<u> </u>
					- •	•					

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exempt status und and that the foreg	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator Running Foxes Petroleum, Inc. oing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records								
	Illation and/or upon type of completion or upon use being made of the gas well herein named.								
	est a one-year exemption from open flow testing for the J Heim 1-20								
gas well on the gro	ounds 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								
_	e to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.								
Date: 12/11/2015									

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.