KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			(See Instruc	tions on Reve	erse Side)			
□ Ор	en Flow			Test Date				A DI	No. 15		
✓ De	liverabilty	•		2-27-1					-115-3002	5-00-01	
Company Range		, Inc.				Lease Wasem	iller				Well Number 1
County Marion		Location S/2 SW		Section 11	•	TWP 19S		RNG (E.	W)		Acres Attributed
Field				Reservoir Mississ					hering Conn can Energ	ection ies Pipeline L	.L.C
Completic 4-18-06				Plug Bac 2794'	k Total Dept	th		Packer 5	Set at		
Casing Si 4 1/2"	ize	Weight 10.5			Internal Diameter 4.052*		Set at 2794'		rations 0'	то 2774 ′	
Tubing Si 2 3/8"	ubing Size Weigh			Internal (Diameter	meter Set at 2783'		Perforations		То	
Type Com	npletion (Describe) (Gas + Oi	1)	Type Flui water	d Production	1			nit or Traveling		/ No
		nnulus / Tubing)		% C	arbon Dioxi	de		% Nitrog		Gas Gr	avity - G _g
tubing	•			0.09				6.35		0.687	
Vertical D	epth(H) 279サ	,			Pres flang	sure Taps ed				(Meter 3.0"	Run) (Prover) Siz
Pressure	Buildup:	Shut in 2-24	2	0 13 at 6	:00	(PM) 1	aken_2-	27	20	13 _{at} 6:00	(AM) (F
Well on Li	ine:	Started 2-27	2	o 13 at 6	:00	(AM)-(TAM)	aken <u>2-</u>	28	20	13 at 6:00	(AM) (
<u> </u>					OBSERVE	D SURFACE	DATA			Duration of Shut-	in 60 Ho
Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure		Flowing Well He Temperature Tempera t t		Weilhead Pressure		Tubing Welthead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)	Liquid Produce (Barrels)
Shut-In		psig (Pm)	Inches H ₂ 0			120	psia	psig 160	psia	60	
Flow	0.375	;		60	60	100		120		24	45
		<u> </u>			FLOW STR	EAM ATTRIE	BUTES				
Plate Coeffieci (F _b) (F Mcfd	ient p) F	Circle one: Meter or Prover Pressure psia	Press Extension	Grav Fact	- 1 7	Flowing Femperature Factor F _{f1}	Fa	ation ctor	Metered Flo R (Mcfd)	w GOR (Cubic Fe Barrel)	Gravity
									18		
		(5.12	_	•	, ,	ERABILITY)	CALCUL - 14.4) +			(P _e)	² = 0.207
$(P_c)^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		Backpress Slope 	sure Curve = "n" or	n x	LOG	Antilog	Open Flow Deliverability Equals R x Anti (Mcfd)
Open Flor			Mcfd @ 14.	65 psia		Deliverabil	ty 18		\ * #1\	Mcfd @ 14.65 ps	l
Open Flow		ed authority on			states that h		<u></u>	make th	ne above repo	ort and that he ha	
	_	ein, and that said		and correc	t. Executed	this the 9th	<u> </u>	day of A		N-11	, ₂₀ <u>13</u>
		Witness (if a	ny)	KANS	APR 1		f	Mm.	//). /	Company	
		For Commiss	sion	<u></u>		— OISIVIO NOIT			Che	cked by	

WICHITA, KS

exempt status un and that the fore correct to the bes of equipment ins	ler penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Range Oil Co., Inc. going pressure information and statements contained on this application form are true and it of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named.
	rounds that said well:
	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 se 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: <u>4-9-13</u>	
	Signature:

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.