KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					(See Inst	ruct	ions on Reve	rse Side,)						
Open Flow						<u> </u>											
✓ Deliverabilty						est Date -9-14) :			API No. 15 15-115-30025-00-01							
Company Pages Oil Co., Inc.						Lease Wasemiller								Well Nu	ımber		
Range Oil Co., Inc. County Location						Section TWP				<u> </u>				Acres Attributed			
County Location Marion S/2 SW/4 SW/4						11			19S 1E						ACIES /		
Field						eservoir 1ississi				Gas Gathering Conn American Energies							
Completion Date 4-18-06						Plug Back Total Depth 2794				Packer Set at							
Casing Size Weight						Internal Diameter 4.052"			Set at 2794	,	Perforations 2770			To 2774		•	
						Internal Diameter			Set at 2783		Perforations			То			
Type Cor	mpletio	n (Des		· · · · · · · · · · · · · · · · · · ·	Ty	pe Flui	d Produc	ction			Pump U	nit or Travelir	ng Plu	nger? Yes	/ No		
perf						vater			· · · · · · · · · · · · · · · · · · ·		·						
Producing Thru (Annulus / Tubing) tubing						% C 0.09	arbon D	ioxi				Nitrogen 3.35			Gas Gravity - G _g 0.6871		
Vertical Depth(H)							• Р	ress	sure Taps						(Meter Run) (Prover) Size		
2794 flanged 3.0"																	
Pressure	Buildu	•				4 at 1			(AM) (PEM) T							(AM) (₽™)	
Well on L	_ine:	S	tarted 2-	32	0_14	4 at	0:00	—	(AM) (≥124) T	aken <u>2-</u> 9	9	2	0	at10:00		(AM) (
			•				OBSEF	(VE	D SURFACE	DATA			Dur	ation of Shut-	_{in} _72	· Hour	
Static / Dynamic Property	Siz	Orifice Size (inches) Prover Pressure psig (Pm) Pressure in Inches H ₂ 0		1	Flowing Well Head Temperature t t			Casin Wellhead Pi (P _w) or (P ₁)	ressure or (P _c)	Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)			Duration (Hours)		Liquid Produced (Barrels)		
Shut-In		psig (Pili) Inches H ₂ 0						120	psig psia 1		psia 7:		72				
Flow	0.37	0.375		60	60 60			100	110		24		35				
	<u> </u>	L_				· · · · · · · · · · · · · · · · · · ·	FLOW S	STR	EAM ATTRIE	UTES		I			1		
Plate Coeffied (F _b) (F	cient = _p)	Circle one: Meter or Prover Pressure psia		Press Extension	-	Gravity Factor F _g		T	Flowing emperature Factor F _{f1}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)		GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
						-1											
	1			<u></u>	(01	PEN FLO	OW) (DE	LIV	ERABILITY)	CALCUL	ATIONS		1	(P _a)	² = 0.2		
(P _c) ² =		_:_	(P _w) ²			P _d =		9	6 (P _c	- 14.4) +	14.4 = _	<u> </u>		(P _d)	2 =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c))² - (P _w)²	1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _d ²	á	LOG of formula 1. or 2. and divide by:	P _c ² - P _w	2	Backpress Slope 	= "n" r jned	пх	LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
									1							, , , , , , , , , , , , , , , , , , , ,	
Open Flo		:		Mcfd @ 14.	<u> </u>				Deliverabili	······································				l @ 14.65 ps		***************************************	
		-	-	on behalf of the said report is true					•		make the day of	•	ort ar	nd that he ha		ledge of 20 <u>14 .</u> .	
			, which that t	o roport to trut	. uni				/ICHITA	_)oh	- m	Y	Rohlm.		·	
			Witness	(if any)			MAR	-	4 2014 	7	7000	Fo	r Compa	ny			
			For Com	mission				_				Cr	ecked b	у	******	- 100	
							R	ΞC	EIVED								

\$	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 Range 0:1 Co., 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
	(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: 3-13-14
·	Signature: John M. Washburn
	Title: Exploration Mgr.

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**

MAR 14 2014