## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				1	(	See Instruc	ctions on Re	verse Side	e)				•	
	en Flo liverat					Test Date 12/17/13					No. 15 20,619-00-	.00			
Company Oil Prod		Inc.	of Kansas	 S		12/1//13	<u> </u>	Lease Frick A		140	20,010-00-	-00	1	Vell Nu	mber
County Pawnee			Loca S/2 S	tion E SV	v	Section 06		TWP 23S		RNG (E/\ 16W	V)		,	Acres A	attributed
Field Zook	•					Reservoir Mississi			-	Gas Gath Lumen	ering Conn	ection			
Completic						Plug Bac	k Total Dep	oth		Packer Se	et at				
Casing S	ize		Wei	ght		Internal [		Set	at	Perfor 4074			To 4116		
Tubing Si 2.375	iże		Wei	ght		Internal [	Diameter	Set 406		Perfor	ations		То		
Type Con single	npletio	n (De	escribe)			Type Flui	d Production	าก			t or Traveling nger lift	Plunge	er? Yes	/ No	
Producing tubing	g Thru	(Anr	nulus / Tubi	ng)		% C	arbon Diox	ide		% Nitroge	n		Gas Gra	avity - C	) <sub>g</sub>
Vertical D	Depth(I	H)					Pres	ssure Taps					(Meter F	Run) (Pi	rover) Size
Pressure	Buildu	ıp: :	Shut in 12	2/16	20	13 at 1	1:30 am	(AM) (PM)	Taken_12	2/17	20	13 at	11:30 a	am (	AM) (PM)
Well on L	ine:				20	) at		(AM) (PM)	Taken		20	at		(	AM) (PM)
					,		OBSERVI	ED SURFAC	E DATA			Duratio	n of Shut-i	<sub>n</sub> _24	Hours
Static / Dynamic Property	Orif Siz (inch	ze	Circle one Meter Prover Pres psig (Pm	sure	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	Wellhead (P <sub>w</sub> ) or (F	Sing Pressure P <sub>1</sub> ) or (P <sub>c</sub> )	Wellhea (P <sub>w</sub> ) or	bing d Pressure (P <sub>1</sub> ) or (P <sub>c</sub> )	l	ration lours)		d Produced Barrels)
Shut-In			paig (i ii	<u>''</u>		<del>:</del>		45.4	59.8	psig	psia	24			
Flow															
				1			FLOW ST	REAM ATTE	IBUTES						
Plate Coeffiec (F <sub>b</sub> ) (F Mcfd	ient ,		Circle one: Meter or ver Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Grav Fact F <sub>g</sub>	tor	Flowing Temperature Factor F <sub>ft</sub>	Fa	iation actor pv	Metered Flor R (Mofd)	w	GOR (Cubic Fee Barrel)	et/ 	Flowing Fluid Gravity G <sub>m</sub>
						(OPEN FLO	OW) (DELI\	/ERABILITY	) CALCUL	ATIONS.			(D )2	= 0.2	07
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup>	=	:	P <sub>d</sub> =		.% (1	P <sub>c</sub> - 14.4) +	14.4 =	:		(P <sub>d</sub> ) <sup>2</sup>		<del></del>
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F		(P	(c) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	2	pse formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ and by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Slo  As	essure Curve pe = "n" - or signed lard Slope	l n x ti	og 📗	Ar	ntilog	Deli Equals	en Flow verability R x Antilog Mcfd)
					п		•								
Open Flov	] w				Mcfd @ 14.6	5 psia		Deliverat	oility		• •	Mcfd @	14.65 psia	a	-
•		ianed	l authority		ehalf of the	<del>`</del>	tates that h			n make the			<del> </del>		ledge of
		•	•		report is true	and correct	t. Executed RECE S CORPORAT	this the 1 IVED TON COMMISS	7th		cember	ر ماند			13
			Witness	(if any	·)		JAN 1	3 2014	U	lm, 17	For (	Company			
			For Con	missio	n			one i wasan	N		Che	cked by			

	der penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status un	der Rule K.A.R. 82-3-304 on behalf of the operator Oil Producers Inc. of Kansas
and that the fore	going pressure information and statements contained on this application form are true and
correct to the bes	st of my knowledge and belief based upon available production summaries and lease records
• •	callation and/or upon type of completion or upon use being made of the gas well herein named.
l hereby requ	uest a one-year exemption from open flow testing for the Frick A-1
gas well on the g	rounds that said well:
(Chec	(cons)
(Office)	is a coalbed methane producer
<u></u>	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
<u> </u>	
I further agre	ee to supply to the best of my ability any and all supporting documents deemed by Commissio
	ee to supply to the best of my ability any and all supporting documents deemed by Commission ry to corroborate this claim for exemption from testing.
staff as necessa	ry to corroborate this claim for exemption from testing.
staff as necessa  Date: 12/17/13	
staff as necessa  Date: 12/17/13	ry to corroborate this claim for exemption from testing.  BECEIVED

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.