## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:				(	See Instruct	tions on Ret	verse Side	e)		24		
Op	en Flo	w			Took Date				ADI	No. 15			
De	liverat	oilty			Test Date 12/17/13					-20,213-00-	01		
Company Oil Prod		, Inc	. of Kansas				Lease Hearn				1	Well Number	
County Pawnee			Location NESWNE		Section 35		TWP 23S		RNG (E/W) 15W		Acres Attributed		
Field	ar	· · · · ·				Reservoir Lansing/Viola		Gas Gathering C Lumen		hering Conn	ection		
Completic 09/03/71	on Da				•	k Total Dept	th		Packer S	et at			
Casing S	ize		Weight		Internal Diameter		Set at 4133		Perforations 3826		то 4046		
Tubing Si	ize		Weight		Internal Diameter		Set at 3997		Perforations		То .		
Type Con	npletio	n (D	escribe)	s +0il)	Type Flui	d Production				it or Traveling	Plunger? Yes	/ No	
Producing	a Thru	DAnı	nulus / Tubin	a)	% C	arbon Dioxi	de		% Nitrog		Gas G	ravity - G <sub>a</sub>	
annulus	-	•		5,								<b>y</b> - g	
Vertical D	Pepth(I	H)				Pres	sure Taps				(Meter	Run) (Prover) S	Size
Pressure	Buildu	ıb:	Shut in 12/	16	13 at 9			Taken_12	2/17	20	13 <sub>at</sub> 9:00 a	m (AM) (P	 M)
Well on L	ine:				0 at		(AM) (PM)	Taken		20	at	(AM) (P	M)
			· · · · · · · · · · · · · · · · · · ·		1	OBSERVE	D SURFACE	DATA	·		Duration of Shut	-in_241	Hours
Static / Dynamic Property	Orif Siz (inch	ze	Circle one:  Meter Prover Pressu		Flowing Temperature t	Well Head Temperature t	Cas Wellhead (P <sub>w</sub> ) or (P	Pressure	Wellhea (P <sub>w</sub> ) or	ubing ad Pressure (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produ (Barrels)	
Shut-In			psig (Pm)	Inches H <sub>2</sub> 0			psig 178.4	192.8	psig	psia	24	_	
Flow													
						FLOW STR	EAM ATTR	BUTES	<u> </u>	. <del></del>	1 was		
Plate Coeffied (F <sub>b</sub> ) (F Mcfd	ient ,	Pro	Circle one: Meter or over Pressure psia	Press Extension Pmxh	Grav Fact F <sub>g</sub>	- 1 т	Flowing Femperature Factor F <sub>ft</sub>	Fa	iation ctor :	Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)	Grav	id vity
	4				(OPEN FLO	OW) (DELIV	ERABILITY)	CALCUL	ATIONS			$r^2 = 0.207$	
$(P_c)^2 =$		<u>_:</u>	(P <sub>w</sub> ) <sup>2</sup> =		P <sub>d</sub> =		% (P	<sub>c</sub> - 14.4) +	14.4 =	<del>:</del>	(P <sub>d</sub> )	² =	
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F		(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Slop Ass	ssure Curve le = "n" or signed ard Slope	l n x i	.og [ ]	Antilog	Open Flow Deliverabili Equals R x Ar (Mcfd)	ity
					· ·						· · · · · · · · · · · · · · · · · · ·		
				<u>.</u>					<u> </u>			<u> </u>	
Open Flov	N			Mcfd @ 14.	65 psia		Deliverabi	lity			Mcfd @ 14.65 ps	ia	
		•	•			RE	CEIVED			e above repo ecember	rt and that he ha	as knowledge o	
me racts st	tated t	nerei	n, and that sa	aid report is true	e anu corregi		1 3 2014		May or	in Elle	en.	, 20	·
<del>:</del> -			Witness (i	fany)			_		10m	For C	Company		
			For Comm	ission		CONSERV	/ATION DIV CHITA, KS	101V	com	Chec	ked by		

1	nder penalty of perjury under the laws of the state of Kansas that I am authorized to request
	nder Rule K.A.R. 82-3-304 on behalf of the operator Oil Producers, Inc. of Kansas
	egoing pressure information and statements contained on this application form are true and
	est of my knowledge and belief based upon available production summaries and lease records
	stallation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby red	uest a one-year exemption from open flow testing for the Hearn #1
gas well on the	grounds that said well:
(Che	ck one)
	is a coalbed methane producer
L	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
staff as necess	ree to supply to the best of my ability any and all supporting documents deemed by Commission ary to corroborate this claim for exemption from testing.
Date: 12/17/13	
Date: 12/17/13	arcelved
	RECEIVED CORPORATION COMMISSION
Kansa	RECEIVED SCORPORATION COMMISSION  JAN 1 3 2014 Signature:  MSERVATION DIVISION  MICHITA KS  Title:

## 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.