KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

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Type Test	::				(See Instr	ucti	ions on Rev	rerse Side	Ţ						
Open Flow																
Deliverabilty				Test Date 9/18/15				API No. 15 145-20,522 - 0 000								
Company Oil Prode		nc.	of Kansas	<u> </u>	0/10/10			Lease Jovce Z	ook		110,122 0		٧	Vell Nu	mber	
County Location				Section			TWP RNG (E/W)			W)	Acres Attributed					
Pawnee SW SW SE				9			23S 16W									
Field Zook				Reservoir Conglomerate					Gas Gathering: Conn Lumen Energy			<u></u>				
Completion Date 06/78				Plug Back Total Depth 4082			ħ. 	Packer Set a								
Casing Size Weight 5.5				Internal Diameter			Set at 4130		Perforations 4023			та 4029				
Tubing Size Weight 2.375				Internal 1	Internal Diameter			it 2	Perfo	rations		То				
Type Completion (Describe) single				Type Flui S/W	Type Fluid Production S/W			Pump Unit or Tra yes			eling Plunger? Yes / No					
Producing Thru (Annulus / Tubing)					% (% Carbon Dioxide			% Nitrogen:			Gas Gravity - G				
annulus																
Vertical [®] E	epth(H).				Pi	ress	sure Taps					(Meter H	lun) (Pi	rover) Size	
Pressure	Buildup):	Shut in 9/1	7	20 15 at 1	1:15am		(AM) (PM)	Taken 9/	18	20	15 at_	11:15a	m(AM) (PM)	
Well on Line: Started									AM) (PM)							
					_	OBSER	VE	SURFACI	E DATA			Duration	of Shut-i	<u>24</u>	Hours	
Static /			Flowing Well Head			Casing Wellhead Pressure		Tubing Wellhead Pressure		Duration		Liquid Produced				
Dynamic Size Property (inches)			Prover Pressure in psig (Pm) Inches H ₂ 0		Temperature Temperature t		une	(P _w) or (P _t) or (P _c) psig psia		(P _w) or (P _t) or (P _c) psig psia		(Hours)		(Barrels)		
Shut-In								181.2	195.6			24				
Flow					ļ.									,		
· -	Б			-	lı .	FLOW S	TRI	EAM ATTR	BUTES	Į.		<u>.</u>			1	
Plate Coeffiec	ient	Circle one: Meter or		Press Extension	Eutopoine		IVILO: 1		mnerature		iation Metered Flow		v GOR (Cubic Feet/		Flowing Fluid	
(F _b) (F _p) Modd		Pro	ver Pressure psia	, √ P _m xh	P _m xh F					pv	(Mcfd)		Barrel)		Gravity G _m	
<u>.</u>				i	1							<u> </u>			i i	
(D.) 0			4- 10		-			ERABILITY						= 0.2	07	
$(P_c)^2 =$		<u>- : </u>	(P _w) ² =	Choose famula 1 or .	P _d =		<u>%</u>	ŀ.	' _c - 14.4):+	14.4 =	 -	_	(P _d) ²			
(P _c) ² - (P _a) ²		(P _c) ² - (P _w) ²		1. P _c ² -P _a ²	LOG-of formula			Backpressure Ct Slope = "n"		n x l	.oe []		0		Open Flow Deliverability	
or (P _c) ² - (P _α) ²		l !!		2: $P_c^2 - P_d^2$ divided by: $P_c^2 - P_g^2$	P ² -P ² 1', or 2.		P _c ² -P _x ²		Assigned Standard Slope				Antilog		Equals R x Antilog (Mcfd):	
	ì		,		į						_					
lı			.: :1					ı		i v						
Open Flow Mcfd @ 14.				65 psia			Deliverability				Mcfd @ 14.65 psia					
The i	undersiç	ned	authority, or	behalf of the	Company, s	states tha	t he	e is duly au				rt and tha	at he has	know	edge of	
the facts s	tated th	erei	n; and that sa	id report is tru	e and correc	t. Execut	ted t	this the 18	8th	day of S	eptember /			, 2	20: <u>15 </u>	
				· · · · · · · · · · · · · · · · · · ·			-	_	_/_	esco	-Cord					
			Witness (ii	any)		Receiv	/ed			/_/		ompany) උ ,				
			ForComm	ssion	KANSAS C	ORPORATION	ON C	COMMISSION		المحر		cked by	-			

OCT 0 5 2015

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_Oil Producers,Inc. of Kansas 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 theJoyce Zook gas well on the grounds 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 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: _9/18/15
Received KANSAS CORPORATION COMMISSION OCT 0 5 2015 CONSERVATION DIVISION WICHITA, KS

Instructions:

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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.