KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:					(See Instruci	ions on Re	verse Side) .					
Open Flow					Total Date:				ARI No. 15					
Deliverabilty				Test Date: 8/21/15				API No. 15 097-21,598 - 0000						
Company Oil Produ		Inc.	of Kansas	•	Lease Rose				Well Number 1-21					
County Location Kiowa 330'FSL&2310'FEL				Section TWP 21 29S				RNG (E/	W)	F	Acres Attributed			
Field					Reservoir Miss/Dolomite				Gas Gathering Connection Oneok				.	
Completion Date					Plug Back Total Depth				Packer S	Set at				
10/06 Casing Size Weight					5175 Internal Diameter Set at			ot .	none	rations	To	То		
4.5					, and the	5234		5125		5130	5130			
Tubing Size Weight 2.375				Internal E	Set a 514		Perfo	rations	То					
Type Completion (Describe) single					Type Fluid Production oil/sw				Pump Unit or Traveling Plunger? Yes / No yes-pump unit					
	-	(Anr	ulus / Tubing	1	% C	% Carbon Dioxide				en	Gas Gra	Gas Gravity - G _g		
annulus					<u> </u>		· <u> </u>	<u> </u>						
Vertical Depth(H) Pressure Taps (Meter Run) (Prover) Size														
Pressure	Buildur); {	Shut in8/20	. 2	15 at 9	:45am	(AM) (PM)	Taken_8/	21		15 at 9:45an	n (AM) (PM)	
Well on Line: Started 20 at (AM) (PM) Taken 20 at (AM) (PM)														
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in_24	Hours	
Static / Dynamic			Circle one: Meter Prover Pressul	Pressure Differential e in	Flowing Well Heat Temperature Temperature		I Wallhoad Processo		Tubing Wellhead Pressure (P _w) or (P _s)		1 7		i Produced	
Property	Property (inches)		psig (Pm)	Inches H ₂ 0	t t		psig psia		psig psia		(Dail		direis)	
Shut-In	!]	.4	14.8			24			
Flow														
						FLOW ST	REAM ATTR	IBUTES						
Plate Coeffictient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psià		Press Extension P _m xh	Grav Fac	tor	Flowing Temperature Factor F _{ff}		riation actor py	Metered Flow R (Mcfd)	GOR (Cúbic Feet/ Barrel)		Flowing Fluid Gravity G _m	
	.										-			
					(OPEN FL	OW) (DĒLIV	/ERABILITY	•				²= 0.20	 07	
(P _e) ² =		<u>-:</u>	(P _w)² =_	hoose formula 1 or 2	P _d =		% (!	P _c - 14.4) +	· 14.4 =	:	(P ⁴);	<u>-</u>		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P	()2 - (P _w)2	1. P _c ² -P _a ² 2. P _c ² -P _d ² ivided by: P _c ² -P _d	LOG of formula 1. or 2. and divide p.2_p		Backpressure Curv Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals: R x Anti (Mcfd)		
								<u> </u>						
Open Flow Mcfd @ 14.				65 psia Deliverability			oility	Mcfd @ 14.65 psia						
The t	undersi	gned	l authority, on	behalf of the	Company, s	states that h	ne is duly a	uthorized t	make th	ne above repo	rt and that he ha	ıs knowl	edge of	
the facts s	tated th	erei	n, and that sa	d report is tru	e and correc	t. Executed	this the 2	1st	day of A	ugust		,	20 15	
			Witness (if	any)	 Kansas c o	Received DRPORATION	d Commission	10	lly t	Mh	Company		<u> </u>	
			·		SE			QU	WI IN	°C.				
			For Commit	sion	SE	-r U [/	2015 -			Che	cked by			

CONSERVATION DIVISION WICHITA, KS

exempt status under and that the forego correct to the best of equipment insta lihereby reque	er Rule K.A.R. 82-3-3 bing pressure inform of my knowledge an llation and/or upon ty	304 on behalf of the on attorn and stateme delief based upon one of completion or otion from open flow	he state of Kansas that I am authorized to request operator Oil Producers, Inc. of Kansas onts contained on this application form are true and available production summaries and lease records upon use being made of the gas well herein named testing for the Rose 1-21
-	is a coalbed methan is cycled on plunge is a source of natural is on vacuum at the is not capable of pro	r lift due to water al gas for injection is present time; KCC oducing at a daily re st of my ability any a	nto an oil reservoir undergoing ER approval Docket No ate in excess of 250 mcf/D and all supporting documents deemed by Commiss from testing.
Date: 8/21/15			
KANSAS CORPOR SEP CONSERVAT	ceived ration commission 9 1 2015 Tion division ITA, KS	Signature:	# C.O.O.

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.