KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test					(6	See Instruct	ions on Rev	verse Side)						
Open Flow Deliverabilty				Test Date:					API No. 15 007-20522 - 🗢 🧢 🖒						
<u> </u>		Щ			11/9/12		Lease			007	-20522		Well Nun		
Company		С					PIERS	ON				1	rven (van		
County Location BARBER SW SE		Section 10			TWP 35S	35S 13W				Acres Attributed					
Field					Reservoir MISS				Gas Gar ONEC	thering Conn OK	ection	•		RECE	
8/22/19		е.			Plug Bad 4950	k Total Dept	h 		Packer S	Set at				NOV 2	9 2012
Casing Si 4.5	Casing Size Weight 4.5 10.5		Internal Diameter			Set at 5001			Perforations 4892		то 4918	K	CC W(ЭНІТЛ	
Tubing Si 2 3/8"	ze		Weight 4.7		Internal D	Diameter	Set a 4930		Perfo	orations		То			** 11 LF
Type Con					Type Flui	d Production			Pump U PU	nit or Traveling	Plunger	? Yes	/ No		
			nulus / Tubing)		arbon Dioxi	de		% Nitrog	gen		Gas Gr	avity - G	9	
ANNULUS				0.059				1.291				0.6261			
Vertical D	epth(F	i)				Pres	sure Taps					(Meter F	Run) (Pro	over) Size	
Pressure	Buildu	p: :	Shut in11/8	·/ 2	0_12 at 1	0:30 AM	(AM) (PM)	Taken_11	1/9/	20	12 at_	10:30	AM (A	AM) (PM)	
Well on L	ine:	:	Started	2	0 at		(AM) (PM)	Taken	<u></u>	20	at _		(#	AM) (PM)	
-						OBSERVE	D SURFAC	E DATA			Duration	of Shut-	in 24	Hours	
Static / Orifice			Circle one: Meter	Pressure Differential	Differential Flowing		Cas Wellhead	-		Tubing ead Pressure Du		uration Liquid Produc		Produced	
Dynamic Size Property (inches			Prover Pressui psig (Pm)	e in	i jemperature i		(P _w) or (P	P_w) or (P_1) or (P_c) (I) or (P ₁) or (P _c)		(Hours)		(Barrels)	
Shut-In			paig (r iii)	mones rigo			275	psia	рзід 225	psia	24	···· · · · · · · · · · · · · · · · · ·			
Flow															
			I			FLOW STR	EAM ATTR	IBUTES		•					
Plate Coefficcient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension P _m xħ	Grav Fac F	tor	Flowing Femperature Factor F _{f1}	Fa	iation otor	Metered Flor R (Mcfd)	•	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
										<u> </u>					
(P _c) ² =		:	(P _w) ² =	;	(OPEN FL	OW) (DELIV		') CALCUL P _e - 14.4) +		<u></u> :		(P _a) ²	² == 0.20 ² ==)7	
$(P_c)^2 - (P_a)^2$ $(P_c)^2 - (P_d)^2$		(F	P _c) ² - (P _w) ²	Phoose formula 1 or 2 1. P _c ² -P _d ² 2. P _c ² -P _d ² tivided by: P _c ² -P _d	1. P ₀ ² -P ₂ 2. P ₂ -P ₂ 4. LOG of formula 1. or 2. and divide		Slo	Backpressure Curve Slope = "n" Assigned Standard Slope		n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
				·											
Open Flow Mcfd @ 14.65 psia							Deliverability Mcfd @ 14.65 psia								
		_	d authority, or							he above repo NOVEMBER	1	at he ha		edge of 60_12	
			Witness (ii	any)		1.41.417.71.71	•			for	Company				
			For Comm	ssion			-			Che	cked by	······································			

NOV 2 9 2012

correct to the best of my knowledge and belief based upon available production summaries and lease re of equipment installation and/or upon type of completion or upon use being made of the gas well herein no I hereby request a one-year exemption from open flow testing for the PIERSON #1	
and that the foregoing pressure information and statements contained on this application form are tru correct to the best of my knowledge and belief based upon available production summaries and lease re of equipment installation and/or upon type of completion or upon use being made of the gas well herein na	quest
I hereby request a one-year exemption from open flow testing for the PIERSON #1	
	amed.
(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 Constaff as necessary to corroborate this claim for exemption from testing.	nmissio
Signature: Beth Blegger Title: PETROLEUM ENGINEER	

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.