KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				(See Instruc	ctions on Re	erse Side	e)					
✓ Open F		Test Date) •			ΔΡΙ	No. 15						
Deliverabilty				1/20/15	·•		API No. 15 15-165-21146 ~ 0000						
Company Bear Petrole	um L	LC				Lease Muth					Well N	lumber	
County Location Rush NW NW SW			Section 1		TWP 17	• • • • • • • • • • • • • • • • • • • •			Acres Attributed 80				
Field Reichel				Reservoir Winfield			Gas Gathering Connection IACX Energy, LLC						
Completion Date 12/13/83				Plug Bac 2250	oth		Packer S	et at		-			
Casing Size Weight 4 1/2" 10.5			Internal D	Diameter		Set at 3709		ations	To 204	то 2044			
Tubing Size Weight			Internal [Diameter	Set a	Set at		Perforations		То			
Type Completion (Describe) Perf & Treat					Type Fluid Production Saltwater			Pump Unit or Traveling Plu			lunger? Yes No		
=	ru (An	nulus / Tubing	1)	% C	arbon Diox	kide		% Nitrog	en	Gas	Gravity -	G _g	
Casing Vertical Depth(H)				Pressure Taps						(Meter Run) (Prover) Size			
Pressure Build	dup:	Shut in	9 20	15 at 1	:00	(AM)(PM)	Taken_1/	20	20	15 at 1:00)	(AM)(PM)	
·									20			. (AM) (PM)	
-					OBSERV	ED SURFAC	E DATA			Duration of SI	nut-in		
Static / Orifice Dynamic Size Property (inches)		Circle one: Meter Prover Pressu	l I	Flowing Well H Temperature Temperature		I Wellhead Pressure		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)	Liq	uid Produced (Barrels)	
Shut-In		psig (Pm)	Inches H ₂ 0		<u>. </u>	psig 220	psia	psig	psla				
Flow							· <u> </u>						
					FLOW ST	REAM ATTR	IBUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia Press Extensio		Gravity Factor F ₀		Temperature F		viation Metered Flow actor R (Mcfd)		(Cubic	OR : Feet/ rrel)	Flowing Fluid Gravity G _m	
				(OPEN FL	OW) (DEL1	VERABILITY	CALCUL	ATIONS			$(P_a)^2 = 0$.207	
(P _c) ² =	 :	(P _w) ² =	Choose formula 1 or 2:	P _d =		_% (F	P _c - 14.4) +	· 14.4 =	:		P _d) ² =		
$(P_a)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ² 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 by:		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x log		Antilog	D	Open Flow eliverability als R x Antilog (Mcfd)	
Ones Flow			Maid @ 144	RE main		Deliversh	.1814.			Mcfd @ 14.65	neia	1	
Open Flow		ed authority or	Mcfd @ 14.6	•	states that	Deliverat	·	to make th	-			suladas of	
	_	= -	n behalf of the aid report is true	· · · · · · · ·		_		day of _F			mas kiid		
							^		Jum L	u			
		Witness (i			EB 0 8		_	y ha	llerf-	Company 			
		For Comm	ilssion	-	RECE			1	Che	ecked by			

exempt status under	penalty of perjury under the laws of the state of Kansas that I am authorized to request Rule K.A.R. 82-3-304 on behalf of the operator Bear Petroleum LLC ng 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
• •	a one-year exemption from open flow testing for the Muth #1
gas well on the grou	
is i	a coalbed methane producer cocycled on plunger lift due to water a source of natural gas for injection into an oil reservoir undergoing ER con vacuum at the present time; KCC approval Docket No control capable of producing at a daily rate in excess of 250 mcf/D cocycled on plunger lift due to water control capable of natural gas for injection into an oil reservoir undergoing ER con vacuum at the present time; KCC approval Docket No control capable of producing at a daily rate in excess of 250 mcf/D cocycled on plunger lift due to water con vacuum at the present time; KCC approval Docket No control capable of producing at a daily rate in excess of 250 mcf/D cocycled on plunger lift due to water con vacuum at the present time; KCC approval Docket No
	FEB 0 6 2015 Title: President RECEIVED

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.