Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	:		(See Instructions on Reverse Side)											
✓ Open Flow				Test Date:				4.0	U N = 45					
Deliverabilty			9-17-14			API No. 15 15-165-21760 ← 0000								
Company Bear Pet		n LLC			·		Lease Pumph	nrey			\	Well Number 1		
County			Location)	Section		TWP			RNG (E/W)		Acres Attributed		
Rush			C SE	33	-	17	17 16W Gas Gathering Conn			KCC 17/10				
Field Reichel						Shawnee Plug Back Total Depth		IACX Ener		Energy, LLC	ection	Acres Attributed KCC WICHITA SEP 25 2015 RECEIVED		
Completion Date 4-25-04					3105			Packer Set at				RECEIV		
Casing S 4 1/2"	ize		Weight 9.5			Internal Diameter 4"		Set at 3106		orations 22	то 3028	DEIVED		
Tubing Si 2 3/8"	ze		Weight 4.6			Diameter	Set	Set at Perforati		orations	То			
Type Completion (Describe) Perf & Treat				Type Fluid Production Pump t Saltwater					Unit or Traveling Plunger? Yes / No					
Producing Thru (Annulus / Tubing) Tubing				% (% Carbon Dioxide				gen	Gas Gra	avity - G _g			
Vertical Depth(H)				Pressure Taps						(Meter F 2"	Run) (Prover) Size			
Pressure	Buildup	: Shut	_{in} _9-16	20	15 at 1	:00	((AM) (PM)) Taken 9.	-17	20	15 _{at} 1:00	(AM)(PM)		
Well on L	ine:	Start	ed	20	at		(AM) (PM)) Taken		20	at	(AM) (PM)		
			_		_	OBSER	VED SURFAC	E DATA			Duration of Shut-i	inHours		
Static / Dynamic Property	namic Size		Meter Dit		Flowing Temperature ł	Well Hea Temperatu t	Wellhead (P _w) or (,) or (P _t) or (P _c)		Tubing ead Pressure or (P ₁) or (P ₅)	Duration (Hours)	Liquid Produced (Barrels)		
Shut-In							sig SO	psia	psig	psia				
Flow														
	- 1				<u> </u>	FLOW S	TREAM ATTI	RIBUTES		1		<u></u>		
Plate Coefficcient (F _b) (F _p) Mcfd		Circle ene: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Gra Fac F	tor	Flowing Temperature Factor F _{rt}	Temperature Fa		Metered Flov R (Mcfd)	GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _m		
					(ODEN EL	AWN /DEL	NEDADII IN		4710110					
(P _c)² ≃			(P _w) ² =		•		IVERABILITY % (P _c - 14.4) +			(P _a) ² (P _d) ²	= 0.207		
$(P_c)^2 - (P_n)^2$ or $(P_c)^2 - (P_d)^2$				2. P ₀ ² - P ₀ ² ded by: P ₀ ² - P ₀ ²	LOG of formula 1. or 2. and divide by:		Backpro Sid	Backpressure Curve Slope = "n"		LOG [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
		-	- 0,77	383 Dy. 1 c - 1 w	3,,	<u> </u>	, , , , , , , , , , , , , , , , , , , 	oura cropo						
Open Flow Mcfd @ 14.65 psia						Delivera	Deliverability			Mcfd @ 14.65 psia				
				ehalf of the c						he above repo September	rt and that he has	s knowledge of, 20 <u>15</u>		
			Witness (If ar	nv)			. ,	Bear T	Petrolo	ert Char	Company			
								Larry	walk	ert	ompany .			
			For Commissi	on						Chec	ked by			

	nder penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status u	inder Rule K.A.R. 82-3-304 on behalf of the operator Bear Petroleum LLC
and that the for	regoing pressure information and statements contained on this application form are true and
correct to the b	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. quest a one-year exemption from open flow testing for the Pumphrey #1
	grounds that said well:
(Cho	eck one)
(Crie	is a coalbed methane producer
<u> </u>	is cycled on plunger lift due to water
	is a source of natural gas for injection into an oil reservoir undergoing ER
<u> </u>	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
L <u>.</u>	7
l further ag	ree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necess Date: <u>9-23-15</u>	ary to corroborate this claim for exemption from testing. $ \frac{\textit{KCC WICHIT}}{\textit{SEP } 25 \ \textit{2015}} $ $ \frac{\textit{RECEIVED}}{\textit{RECEIVED}} $
	Signature:

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.