KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

= '	en Flow				(Test Date		uctions on Re	verse Side		No. 15		
Del	liverabil	ty			10-16-1					095-20066 -		
Company Bear Pet		ı LL	.c				Lease Birkenb	augh			V	Vell Number 1
County Location Kingman C NW SW				Section 16		TWP 29	RNG (E/W) 7W			Acres Attributed 160		
Field Settle				Reservoir Mississi					hering Conn Vichita Gas			
Completion Date 4-9-1968				Plug Bac 4250.5	k Total De	epth	Packer Set at NA					
Casing Size Weight 5 1/2" 15.5					Internal I	Diameter		Set at 452 6		rations	To 4170	
Tubing Size Weight 2 3/8" 4.7					Internal [Diameter		Set at Perfo 4172 4173		rations 2	то 4173	,-
Type Completion (Describe) Jelled Acid Frac				Type Fluid Production Saltwater/trace oil			Pump Unit or Traveling Plum Pumping Unit			g Plunger? Yes	/ No	
Producing Thru (Annulus / Tubing) Annulus					% Carbon Dioxide			% Nitrogen 2.7			Gas Gravity - G _g 1.26	
Vertical Depth(H) NA				Pressure Taps 1/2"						(Meter Run) (Prover) Size 3"		
Pressure	Buildup	: :	Shut in 10-1	5 2	0 14 at 1	0:00	(AM) (PM)	Taken_10)-16	20	14 at 10:00	(AM)(PM)
Well on L	ine:	;	Started	20	0 at		_			20	at	(AM) (PM)
						OBSER\	VED SURFAC	E DATA			Duration of Shut-i	nHours
Static / Dynamic Property	mic Size Prover Press			Pressure Differential in Inches H ₂ 0 Flowing Temperature		Weil Head Temperatu	Wellhead (P _w) or (F	Casing Welihead Pressure (P_w) or (P_1) or (P_c) psig psia		Tubing ad Pressure r (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In			F0 (4				130	psia	psig	psia		
Flow												
-	-				 -	FLOW S	TREAM ATTR	BUTES				
Plate Coefficient (F _b) (F _p) Motd			Circle one: Meter or ver Pressure psia	Press Extension P _m xh	Factor		Flowing Temperature Factor F ₁₁	Fa	lation ctor : pv	Metered Flo R (Mcfd)	w GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _m
					(OPEN EL	OW) (DEI	.IVERABILITY	O CALCUL	ATIONS			
(P _c) ² =		. :	(P _w) ² =	:	P _d =			P _e - 14.4) +		:	(P _a) ² (P _d) ²	= 0.207 =
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ² 1. P 2. P		1. P _c ² · P _d ² 2. P _c ² - P _d ² ided by: P _c ² - P _w ²	mula 1 or 2: 2. p 2		Backpressure Curve Slope = "n"		n x	roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
						_						
Open Flow Mcfd @			Mcfd @ 14.	65 psia		Deliveral	Deliverability		Mcfd @ 14.65 psia			
			•	behalf of the	Company, s		· ·			-	ort and that he has	-
the facts s	tated th	erei	n, and that said	report is true	e and correc	t. Execute	ed this the _1	Beac	day of C	Luc II	 С.	, ₂₀ <u>14</u> . Received
•			Witness (if a	ny)				Mc A	, 5.	For	Company KANSA	S CORPORATION COMM
			For Commiss	ion			- ,	1.m.l	u w	Che	ockęd b	OCT 2 0 2014

	der penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Bear Petroleum LLC
and that the fore correct to the bes	going pressure information and statements contained on this application form are true and st of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named.
	rest a one-year exemption from open flow testing for the Birkenbaugh #1 rounds that said well:
_	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 se to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
	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.

Received KANSAS CORPORATION COMMISSION