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KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	: en Flo liverat			-		Test Date 01/14/2) :	tructio	ons on Rev	erse 'Side	AP	I No. 15 -165-20541 -	- doa	o ·		
Company Bear Pet		m I	I C			01/14/2	J14 .		Lease Hanhard	dt A		-103-20341	-		Well Nu	mber
County Location Rush C NE NE				Section 24			TWP		RNG (E/W)			Acres Attributed 160				
Field Reichel				Reservoir LKC, Gr		Vash		Gas Gathering Conne IACX Energy, LLC			ection					
Completion Date 07/23/1975					Plug Back Total Depth 3536				Packer Set at		Set at					
Casing Size Weight 4 1/2" 10.5				Internal Diameter . 4"			Set at 3538		Perforations LKC 3340-3437			то GW 3488-3528				
Tubing Size Weight 2 3/8" 4.6				Internal Diameter 2"			Set at 3440		Perforations			То				
Type Con				٠.	دان ۲	Type Flui Saltwa		ction	3440	J		nit or Traveling ing Unit	Plunge	r? Yes	/ No	
Producing Annulus	Thru T	Z)Anr	nulus / Tubir	ng)	<i>.</i> On,		arbon D	Dioxid	e		% Nitro			Gas Gr	avity - (, j
Vertical D		1)	<u> </u>		,	·	F	Pressi	ure Taps					(Meter	Run) (P	rover) Size
Pressure	Buildu	p:	Shut in 01	/13	20	14 at 9	:00	(AM) (PM)	Taken 0	1/14	20	14 at		(AM)(PM)
Well on L	ine:	;	Started		20	0 at	at (Taken	20		at	at (AM) (PM)		AM) (PM)
***************************************	4						OBSE	RVED	SURFACE	DATA	-		Duratio	n of Shut	in	Hours
Static / Dynamic Property	Orifi Siz (inch	ize Prover Pressur		sure	Pressure Differential in Inches H ₂ 0 Flowing Temperature t		Well Head Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In									52	paid	parg	poly polu				
Flow																
	·			1		-1	FLOW	STRE	AM ATTRI	BUTES		,			*	
Plate Coeffieci (F _b) (F Mcfd	ent ,)	Circle one: Meter or Prover Pressure psia			Extension Fa		VILV I		Flowing mperature Factor F _{rt}	Deviation Factor F _{pv}		Metered Flov R (Mcfd)	v	GOR (Cubic Fee Barrel)		Flowing Fluid Gravity G _m
· · · · · · · · · · · · · · · · · · ·						(OPEN FL	DW/) /DE	1 11/15	DARII ITV	CALCUI	ATIONS					
(P _c) ² =		_:	(P _w) ²		;	P _d =	JW) (DE	%	•	- 14.4) +		·		(P _a) (P _d)	² = 0.2 ² =	07
$(P_c)^2 - (P_a)^2$ 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:		P _c ² -P _w ²		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
											-		* **			
Open Flov					Mcfd @ 14.6	S5 psia		,	Deliverabi	lity			Mcfd @	14.65 ps	a	,
		aned	authority o				tates th	at he			n make ti	ne above repo				ladge of
			•		report is true						_	ebruary		IIC IIC		20 <u>14</u> .
			Witness	(if any	<i>(</i>)				1	Bea	r.	Petro) Company	rm,	لمل	MICE
								_	L	ar	ru	Wall	er	t	100	AAICHI
			For Com	missio	in				_			Chec	ked by		FEB	1 4 2014

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Bear Petroleum, LLC
and that the foregoing 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
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Hanhardt A #1
gas well on the grounds that said well:
gas wen on the grounds that said wen.
(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 Commission staff as necessary to corroborate this claim for exemption from testing.
Date: _02/07/2014
Date
Signature:
Title: President

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.

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