KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	ctions on Rev	erse Side)			
✓ Op	en Flo	w			.				4.51			
Deliverabilty				Test Date: 11-13-14				API No. 15 1 5-165-21675 - 0000				
Company Bear Per		m LI	LC				Lease Graham		_		,	Well Number
County Rush			Locat C W/2		Section 23		TWP 16		RNG (E/W) 18W			Acres Attributed
Field Liebenthal					Reservoir LKC					Gas Gathering Connection IACX Energy LLC		
Completion Date 3-9-95					Plug Back Total Depti 3380		oth	Pac		Set at		
Casing Size 4 1/2"			Weigi 10.5	nt	Internal Diameter 4"			Set at 3618		rations 5	т _о 3349	
	Tubing Size		Weight	nt	Internal Diameter		Set at 3330		Perforations		То	
Type Completion (E Perf & Treat					Type Fluid Production Saltwater					nit or Traveling	Plunger? Yes / No	
			nulus / Tubin	g)		arbon Diox	tide		% Nitrog		Gas Gr	avity - G
Annulus									Ţ			, u
Vertical D	Depth(F	H)				Pres	ssure Taps				(Meter I 4"	Run) (Prover) Size
Pressure	Buildu	p:	Shut in 11	·12 ₂	o 14 at 1	1:00	(AM) (PM)	Taken_11	-13	20	14 at 11:00	(AM)(PM)
Well on L	.ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)
						OBSERV	ED SURFACE	DATA			Duration of Shut-	inHours
Static / Orifice Dynamic Size Property (Inches			Circle one: Meter	Pressure Differential	Flowing Temperature	Well Head Temperature	rature Wellhead Pressure		Tubing Wellhead Pressure		Duration (House)	Liquid Produced
		nes) Prover Press psig (Pm)		in Inches H ₂ 0	t	` t	(P _w) or (P _t	psia	(P _w) or psig	(P ₁) or (P _c)	(Hours)	(Barrels)
Shut-In	ļ						60					
Flow												
	-					FLOW ST	REAM ATTRI	BUTES			1	
Plate Coefficient (F _b) (F _p) Moid		Circle one: Meter of Prover Pressure psia		Press Extension √ P _m x h	Gravity Factor F _g		Temperature Fa		viation Metered Flor actor R F _{pv} (Mcfd)		w GOR (Cubic Fe Barrel)	1 Gravity I
					(OPEN EL	OW) (DELI)	VERABILITY)	CALCIII	ATIONS			
(P _c) ² =	T	_:_	(P _w) ² =		P _d ⇔		-	- 14.4) +		:	(P _a)	² = 0.207 ² =
(P _c) ² - (I or (P _c) ² - (I	P _a)²	(F	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: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Slop Ass	sure Curve e = "n" or igned rd Slope	n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mofd)
				y e . w			-	· ·				
								-				
Open Flo	w			Mcfd @ 14.	65 psia	-	Deliverabi	lity			Mcfd @ 14.65 ps	a
The i	unders	igne	d authority, o	n behalf of the	Company, s	states that I	he is duly aut			•	ort and that he ha	J
the facts s	tated t	herei	in, and that s	aid report is true	and correc	t. Executed Received		th C	day of N	ovember		, 20 <u>14</u> .
			Witness	(if any)	KANSAS CO	RPORATION	соммізвісм _	Da	16	MOllum For	Company	
			For Com	nissina	NC	<u>IV 17</u> 2	2014 _	اها	xy V	valler-	cked by	
			, or com	inosion	CONSE	RVATION DI WICHITA, KS	IVISION 3			Oile	5,000 bj	

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	status under Rule K.A.R. 82-3-304 on behalf of the operator <u>Bear Petroleum LLC</u>
	the foregoing pressure information and statements contained on this application form are true and
correct t	o the best of my knowledge and belief based upon available production summaries and lease records
	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
Ther	reby request a one-year exemption from open flow testing for the Graham #1
gas well	on the grounds that said well:
	(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
l fur	ther 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: _1	1-14-14
	Signature:
	Title: President
	Title,

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 Received KANSAS CORPORATION COMMISSIBLE CEMBER 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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