## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test		•			(See Instruc	ions on Rev	erse Side	e)				-	
✓ Open Flow  Deliverabilty			Test Date 01/16/2			•		API No. 15 15-165-20008-0001					
Company Bear Petroleum, LLC			01/10/2	Lease Breit			10 100 2000 0001			Well Number 1			
County Location Rush NW NW NE			Section 7		TWP 16		RNG (E/W) 17W			Acres Attributed			
Field Reichel			Reservoi Topeka			Gas Gathering Connec		ction		_			
Completion Date 09/22/1967				Plug Bac 3450	k Total Dep	:h	Packer Set at						
Casing Si 4 1/2"	Casing Size Weight 10.5			Internal I 4"	Diameter	Set at <b>3497</b>		Perforations Topeka 3112-15		To 5 LKC 3			
Tubing Si 2 3/8"	ubing Size Weight 3/8" 4.6			Internal I 2"	Diameter	3425		Perforations		То	То		
Type Completion (Describe) Commingled (Gas + Oil)					Type Fluid Production Saltwater			Pump Unit or Traveling Plunger? Yes / No Pumping Unit				_	
Producing Annulus	jThru <sup>©</sup> (O\i	nnulus / Tubin	g)	% (	Carbon Dioxi	de		% Nitrog	en	Gas Gı	ravity - G <sub>g</sub> .	-	
Vertical D	epth(H)		· · · · · · · · · · · · · · · · · · ·		Pressure Taps						Meter Run) (Prover) Size 4"		
Pressure	Buildup:	Shut in 01	/15 2	14 at 9	:00	(AM) (PM)	Taken_01	1/16	20	14 <sub>at</sub> 9:00	(AM)(PM)	_	
Well on L	ine:	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)		
	•	1			OBSERVE	D SURFACE		1	Г	Duration of Shut	-in Hours	- ·s □	
Static / Dynamic Property	Orifice Size (inches)	Meter	Prover Pressure in		Flowing Well Head Temperature t t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) psig psia		Tubing ad Pressure r (P <sub>t</sub> ) or (P <sub>c</sub> ) psia	Duration (Hours)	Liquid Produced (Barrels)		
Shut-In						167	рыц	psig	pola	. •			
Flow								<u> </u> -					
			<u>.</u> T		FLOW STR	EAM ATTRI	BUTES	ı				٦	
Plate Coeffieci (F <sub>b</sub> ) (F <sub>b</sub> Mcfd	ent ,) Pi	Circle one: Meter or rover Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Factor		Flowing Temperature Factor F <sub>f1</sub>		iation ctor : pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Gravity		
<del></del>							<u> </u>						
(P <sub>c</sub> ) <sup>2</sup> =	:	(P <sub>w</sub> ) <sup>2</sup> =	· :	(OPEN FL	, ,	ERABILITY) % (P,	<b>CALCUL</b> - 14.4) +		· :	(P <sub>a</sub> )	<sup>2</sup> = 0.207 <sup>2</sup> =		
(P <sub>c</sub> ) <sup>2</sup> - (F		$(P_c)^2 - (P_w)^2$ $(P_c)^2 - (P_w)^2$ $1. P_c^2 - P_a^2$ $2. P_c^2 - P_d^2$ $divided by: P_c^2 - P_w^2$		LOG of formula 1. or 2. and divide	formula 1. or 2.  and divide   P 2 - P 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		LOG	 Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
•													
Onen Flau			Matal @ 14	CF nain	*	Delivershil	:4		· .	A-64 @ 44.05		]	
Open Flov		ed authority o	Mcfd @ 14.		states that h	Deliverabil		n make th		Mcfd @ 14.65 ps t and that he ha		-	
			aid report is true			70		day of F		t and that he ha	, 20 <u>14</u>		
							Bin		Petro	leum	uc	<b></b>	
		Witness (	if any)			. 1	سیر ۲۱۲	n1		ert	KCC WIC	CHIT	
		For Comn	nission				_ابا_	<del>'</del>	Check	ed by	FEB 14	2014	

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	I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
$\epsilon$	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
c	correct to the best of my knowledge and belief based upon available production summaries and lease records
c	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 Breit #1
c	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
	I further agree to supply to the best of my ability any and all supporting documents deemed by Commission
5	staff as necessary to corroborate this claim for exemption from testing.
_	02/07/2014
. L	Date: 02/07/2014
	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.

KCC WICHITA

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