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

Type Test	:				(	See Instruct	ions on Revo	erse Side	)						
<b>√</b> Op	en Flo	w			Toot Date				A DI	No. 15					
De	liverat	oilty			Test Date 2-24-15					·No. 15 165-02033 <del>-</del>	0000	)			
Company Bear Pet		m LI				Lease Thielenhaus				Well Number 1					
County Rush			Locat SW N\		Section 14		TWP 17		RNG (E	W)			Acres A 320	ttributed	
Field Reichel					Reservoir Topeka,					hering Conne nergy, LLC	ection				
Completic 6-26-53	on Da	te			Plug Bac 3339	k Total Dept	h		Packer S	Set at					
Casing Si 7"	iz <del>o</del>	Weight Internal Diameter 17.5 6.625"			Set at 3510		Perforations Topeka 3006-24			то LKC 3326-31					
Tubing Si 2 3/8"	ze		Weig 4.6	nt	Internal Diameter Set at Perforations To 2" 3333		То	0							
Type Con Perf & 7			escribe)		Type Flui Saltwa	d Production ter	1			nit or Traveling ing Unit	Plunger	? Yes	/ No		
		(Anı	nulus / Tubir	g)	% C	arbon Dioxid	de		% Nitrog	en	_	Gas Gr	avity - G	i <sub>o</sub>	
Annulus	_	15										() 4 - 1 1	3) /D-	O'	
Vertical D	eptn(i						sure Taps		<u>.</u>			2"		over) Size	
Pressure	Buildu	ıp:	Shut in <u>7</u>	.23 2	0 15 at 1	2:00	(AM) (PM)	Taken	2-24	20	15 at	12:00	)(	АМ) (СМ)	
Well on L	ine:		Started	2	0 at		(AM) (PM) 1	Taken		20	at .		(	AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration	of Shut-	in	Hours	
Static /	Orif		Circle one: Meter	Pressure Differential	Flowing	Well Head	Casin Wellhead P			rubing ad Pressure	Dur	alion	Liquio	Produced	
Dynamic Property	Siz (inch		Prover Press psig (Pm)	ure in Inches H <sub>2</sub> 0	Temperature t	Temperature t	(P <sub>w</sub> ) or (P <sub>t</sub> )			r (P <sub>1</sub> ) or (P <sub>c</sub> )			larrels)		
Shut-In			paig (t m)				psig 15	psia	psig	psia			_		
Flow							-								
						FLOW STR	EAM ATTRIE	BUTES							
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> )		Pro	Circle one: Meter or over Pressure psla	Press Extension ✓ P <sub>m</sub> x h	Grav Faci F	tor T	Temperature Fa		riation Metered Flow actor R = pv (Mcfd)		w GOR (Cubic Fe Barrel)		et/	Flowing Fluid Gravity G <sub>m</sub>	
L		_		1 -	(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS			(P.)	²= 0.20	 17	
(P <sub>c</sub> ) <sup>2</sup> =		<u>=</u> :	(P <sub>w</sub> ) <sup>2</sup> =	::	P <sub>a</sub> =	9	% (Р <sub>с</sub>	- 14.4) +	14.4 =	:		(P <sub>a</sub> )		<del></del>	
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>a</sub> ) <sup>2</sup> or (P <sub>c</sub> ) <sup>2</sup> - (P <sub>c</sub> ) <sup>2</sup>		(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. P <sub>o</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> 2. P <sub>o</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup>	LOG of formula 1. or 2.	LOG of formula		Backpressure Curve Slope = "n" or Assigned		n x 10G		Antilog		Open Flow Deliverability Equals R x Antilog	
- "	<b>.</b>	-		divided by: Pc2 - Pw	by:	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Standar	d Slope				<del>.</del>	(	Mcfd)	
Open Flov	N			Mcfd @ 14.	65 psia		Deliverabili	ity	•		Mcfd @	14.65 psi	 а		
The u	ınders	ignec	authority, c	n behalf of the	Company, s	tates that he	e is duly auti	norized to	o make th	e above repo	rt and th	at he ha	s knowl	edge of	
the facts st	tated t	herei	n, and that s	aid report is true	and correc	t. Executed	this the 7th		day of A	prìl	<del></del>		, 2	0 15 .	
			Witness	if snv)	KANS,	Recei	ved ION COMMISSIO	Bear	Veri	leun L	لك.				
						ADD -		larr	y W	ulex+	отрапу				
			For Com:	nission	_	Cark A S	3 <b>20</b> 15 =		1	Chec	ked by				

CONSERVATION DIVISION WICHITA, KS

	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 Bear Petroleum LLC
	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
of equip	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
l her	reby request a one-year exemption from open flow testing for the
	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 Commissio
	necessary to corroborate this claim for exemption from testing.
olan do i	
D-4 4-	7.15
Date: <u>4</u> -	<u></u>
	Received KANSAS CORPORATION COMMISSION Signature:
	ΔPR 0.8 2015 Provident
	APR 0 8 2015  Title: President  CONSERVATION DIVISION

## 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.