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

Type Test	t:				. (	See Instruct	tions on Re	verse Side	)				
✓ Open Flow  Deliverability				Test Date			API No. 15 15-165-30149 <b>- 0000</b>						
Company		ity			01/23/20	014	Lease		15-1	65-30149 -	.0000	Well	Number
Bear Pe		n, L	LC				Torrey						2
•		Locati SE SW		Section 19	19			RNG (E/W) 17W			Acres 480	s Attributed	
Field Reichel			· .		Reservoir LKC	·	,			nering Conni nergy, LLC	ection .		
Completic 09/21/19		€			Plug Bac 3424	k Total Dept	th		Packer S	et at	•		
Casing Size Weight 4 1/2" 10.5			nt	Internal [ 4"	Diameter		Set at <b>3444</b>		Perforations 3214		22 .	De las	
Tubing Size 2 3/8"			Weight 4.6		Internal Diamete 2"		Set at 3210		Perfor	ations	То		
Type Con		(De	escribe)		Type Flui Saltwa	d Production ter	n .		Pump Un	it or Traveling	Plunger? Y	es / No	)
Producing	g Thru	(Anr	nulus / Tubin	g)	. % C	arbon Dioxi	de		% Nitroge	en	Gas	Gravity	- G <sub>g</sub>
Vertical D	Depth(H	)				Press	sure Taps	*.			(Met	ter Run)	(Prover) Size
Pressure	Buildup	o: :	Shut in01/	22 2	14 at 1	0:00	(AM) (PM)	Taken_01	/23	20	14 at 10:0	00 (	(AM)(PM)
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken	•	20	at		(AM) (PM)
	`	٧.				OBSERVE	D SURFAC	E DATA			Duration of St	hut-in	Hours
Static / Dynamic Property	Orific Size (inche	9	Circle one: Meter Prover Pressi		ntial Temperature Temperature (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Lie	quid Produced (Barrels)				
Shut-In	,		psig (Pm)	Inches H <sub>2</sub> 0			psig.	psia	psig	psia			
Flow													
					· · · · · · · · · · · · · · · · · · ·	FLOW STR	EAM ATTR	IBUTES					
Plate Coeffiec (F <sub>b</sub> ) (F	ient p)		Circle one: Meter or ' over Pressure psia	Press Extension √ P <sub>m</sub> x h	Grav Fac F	tor	Flowing Temperature Factor F <sub>ft</sub>	Fa	iation ctor - pv	Metered Flow R (Mcfd)	(Cubic	OŘ c Feet/ rrel)	Flowing Fluid Gravity G <sub>m</sub>
	1				(OPEN FL	OW) (DELIV	ERABILITY	) CALCUL	ATIONS			(P <sub>a</sub> ) <sup>2</sup> = (	0.207
(P <sub>c</sub> ) <sup>2</sup> =	·	_:	(P <sub>w</sub> ) <sup>2</sup> =	<u> </u>	P <sub>d</sub> =		% (I	P <sub>c</sub> - 14.4) +	14.4 =	<u> </u>		$(P_d)^2 = $	<del></del>
(P <sub>c</sub> ) <sup>2</sup> - (I or (P <sub>c</sub> ) <sup>2</sup> - (I	a'	(F	P <sub>c</sub> ) <sup>2</sup> (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Slo As	ssure Curve pe = "n" - or signed ard Slope	n v	og [	Antilog	- 1	Open Flow Deliverability uals R x Antilog (Mcfd)
						,	<u></u>						
Open Flo	w			Mcfd @ 14	65 psia		Deliverat	oility			Mcfd @ 14.65	psia	
•	•	•		n behalf of the	, ,		**				ort and that he	e has kn	
the facts s	tated th	erei	n, and that s	aid report is tru				_	day of Fe	$\overline{}$			, 20 14
			· Witness (	if any)	K	CC WI		BL		11.1500	Oleur	η,	اللك
			For Comm	nission		FEB 14	2014 .		YYC	Che	cked by	•	<del></del> .
						RECE	EIVED		_				

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exempt status under Rule K and that the foregoing pres correct to the best of my kno of equipment installation an I hereby request a one-	of perjury under the laws of the state of Kansas that I am authorized to request A.R. 82-3-304 on behalf of the operator Bear Petroleum, LLC source information and statements contained on this application form are true and owledge and belief based upon available production summaries and lease records d/or upon type of completion or upon use being made of the gas well herein named. year exemption from open flow testing for the Torrey # 2
gas well on the grounds tha	it said well:
is cycled is a sour is on vacuum is not ca	bed methane producer d on plunger lift due to water ree of natural gas for injection into an oil reservoir undergoing ER cuum at the present time; KCC approval Docket No  upable of producing at a daily rate in excess of 250 mcf/D  y to the best of my ability any and all supporting documents deemed by Commission porate this claim for exemption from testing.
Date: 02/07/2014	
	Signature:
	Title: President
<u>.</u>	

## 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

FEB 14 2014