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## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:				(	See Instruc	tions on Re	verse Side	e) .			
✓ Open FI	low			Test Date					I No. 45		
Delivera	abilty			01/07/20					I No. 15 -165-20306 -	0000	·
Company Bear Petrole	um, L	LC				Lease Brack A	١			3	Well Number
County Rush		Locati N/2 N/2		Section 34		TWP .		RNG (E 16W			Acres Attributed 320
Field Reichel			-	Reservoir Granite					thering Conn Energy, LLC	ection	
Completion Da	ate			Plug Bacl	k Total Dept	th		Packer		· ·	,
Casing Size		Weigh	t	Internal D	Diameter	Set a			orations en Hole 350	To 08 3525	· · ·
ubing Size		Weigh	t ·	Internal D	Diameter	Set a	at		orations	To	
ype Completi		4.6 escribe)		Type Fluid	d Production	350				g Plunger? Yes	. / No
OH & Treat		nuluo / Tubina		Saltwa	ter arbon Dioxi			% Nitro	ing Unit	0 0	
Producing Thr F <b>ubing</b>	u (Alli	iulus / Tubing	<del>))</del> ·	.305	arbon bloxi	ae		32.2	gen	Gas G .724	ravity - G <sub>g</sub>
/ertical Depth	(H)				Pres	sure Taps		02.2		(Meter	Run) (Prover) Siz
		. 01/	06 2	14 9:	:00		O	1/07		4" 14 <sub>at</sub> 9:00	
Pressure Build Vell on Line:									,		(AM)(PM) (AM)(PM)
ven on Line.		olarieu		U at		(Alvi) (ITIVI)			20	at	(AIM) (FIM)
		Circle one:	Pressure	1 1	OBSERVE	D SURFAC		T	<del></del>	Duration of Shu	t-inHo
ynamic Si	ifice ize :hes)	Meter Prover Pressu psig (Pm)	Differential	Flowing Temperature t	Well Head Temperature	Cas Wellhead (P <sub>w</sub> ) or (F	Pressure	Wellhe	Tubing ead Pressure or (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrels)
Shut-in		paig (Fill)	inches H <sub>2</sub> O			psig 185	psia	psig	psia		
Flow							<del></del>				
					FLOW STR	EAM ATTR	IBUTES				
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd	Pro	Circle one: Meter or ver Pressure psia	Press Extension √ P <sub>m</sub> x h	Grav Fact F <sub>g</sub>	or T	Flowing  emperature  Factor  F <sub>ft</sub>	Fa	riation actor - pv	Metered Flov R (Mcfd)	v GOR (Cubic F Barrel	eet/ Fluid
· · · · · · · · · · · · · · · · · · ·											
P <sub>c</sub> ) <sup>2</sup> =	:	(P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FLO	OW) (DELIV 		) CALCUL ? <sub>c</sub> - 14.4) +		· :		) <sup>2</sup> = 0.207 ) <sup>2</sup> =
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	(P	c)2- (Pw)2	1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup>	LOG of formula 1. or.2. and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Slop	ssure Curve pe = "n" - or	n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilo (Mcfd)
	<u> </u>		divided by: $P_c^2 - P_w^2$		<u> </u>	. Ctario					
						-					
pen Flow			Mcfd @ 14.	·	<u> </u>	Deliverab		•	· · · · · · · · · · · · · · · · · · ·	Mcfd @ 14.65 ps	
			behalf of the  id report is true					o make the day of _F		ort and that he h	as knowledge of
						,	Bec	ur	Petr	oleur	n.LLC
		Witness (if	any)			Ì	ar	ru	For C	ompany Ilert	KCC WIC
		For Commi	ssion				- <del></del> - 1	. J	Chec	cked by	FEB 14 2

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler Rule K.A.R. 82-3-304 on behalf of the operator Bear Petroleum, LLC
	poing pressure information and statements contained on this application form are true and
,	t of my knowledge and belief based upon available production summaries and lease records
	allation and/or upon type of completion or upon use being made of the gas well herein named.
• •	est a one-year exemption from open flow testing for the Brack A #3
	ounds that said well:
gue	
(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
· ·	is not capable of producing at a daily rate in excess of 250 mcf/D
l further agre	is not capable of producing at a daily rate in excess of 250 mcf/D  e to supply to the best of my ability any and all supporting documents deemed by Commissic
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staff as necessar	e to supply to the best of my ability any and all supporting documents deemed by Commissic y to corroborate this claim for exemption from testing.
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## 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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