KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	ions on Re	verse Side)					
√ Op	en Flov	,			Test Date				API N	n 15				
De	Ilverabi	ty			4-19-20					55-20376 ··	OO	∞		
Company Bear Per		n	•				Lease Grumbe	ein A				<u> </u>	Vell Numb	er
County Rush		-	Location C NE NE		Section 9		TWP . 17		RNG (E/W) 17W			Acres Attributed 320		buted
Field Reichel					Reservoir Topeka,					ering Conne ergy, LLC	ction			
Completic 3-23-71	on Date)			Plug Bac 3547	k Total Dept	h	•	Packer Set	t at	•			
Casing S 4 1/2"	ize		Weight 9.5		Internal E 4"	Diameter	Set : 358		Perfora Topel	tions ka 3060-6		To LKC 33	350-352	28
Tubing Si 2 3/8"	ize		Weight 4.6		Internal [2"	Diameter	Set :		Perfora	tions		То		
Type Con			scribe) (Ga.s +C	oil)	Type Flui Saltwa	d Production ter	1		Pump Unit Pumpin	or Traveling g Unit	Plunger?	Yes /	No No	
Producing Annulus	Thro	(Ann	ulus / Tubing)		% C	arbon Dioxi	eb		% Nitroger	1		Gas Gra	vity - G	
Vertical E	epth(H)				Pres	sure Taps			•		(Meter R	un) (Prov	er) Size
Pressure	Buildup): {	Shut In 4-18	2	0_11_at_1	0:30	(PM)	Taken 4-	19	20 .	11 at_	10:30	(AN) (PM)
Well on L	lne:		Started) at		(AM) (PM)	Taken	·· · · · · · · · · · · · · · · · · ·	20	at _	 -	(AN	I) (PM)
						OBSERVE	D SURFAC	E DATA			Duration	of Shut-i	n	Hours
Static / Dynamic Property	Orific Size (inche		Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential In Inches H _s 0	Flowing Temperature t	Well Head Temperature t	Wellhoad	Pressure	Wellhead	oing Pressure P _t) or (P _e)	Durai (Hou		Liquid P (Bar	
Shut-In				,			92	pala	heið	рыа				
Flow			, , , , , , , , , , , , , , , , , , , ,											
	1		_		1	FLOW STR		IBUTES	-					
Plate Coeffiec (F _b) (F Mcfd	ient ,)		Circle one: Meter or ver Pressure psia	Press Extension Pmxh	Grav Fac F	tor	Flowing femperature Factor F ₁₁	Fe	iation ctor	Metered Flow R (Mcfd)	,	GOR Cubic Fee Barrel)	, _U	Flowing Fluid Gravity G _m
					(OPEN FL	OW) (DELIV	ERABILITY) CALCUL	ATIONS					
(P _c) ² =			(P_) ² =	:	P _a =			P _a - 14.4) +		:		(P _a) ² (P _a) ²	= 0.207 =_	
(P _e) ² - (I or (P _e) ² - (I	-	(P	_z)² - (P _w)²	pose formula 1 or 2. 1. $P_c^2 \cdot P_a^2$ 2. $P_c^2 \cdot P_d^2$ dear by: $P_c^2 \cdot P_a^2$	LOG of formula 1 or 2. and divide	P.2. P.2	Backpro Slo	essure Curve pe = "n" or	n x t C	og [Antii		Open Delive Equals R	rability
Open Flow Mcfd @ 14.65 psia					Deliveral	Deliverability McId								
			authority, on t		•		,		Δni		t and tha	it he has		•
tne facts s	tated th	erei	n, and that said	report is true	and correc	t. Executed	this the	Ber	day of Apr	trolano	~		REC	<u>''</u> EIVED
			Witness (if an)y)				la	<u>~ 10</u>	Miler F	r \ ompany →	<u> </u>		8 201
			For Commissi	on .			•			Charl	ad hu			

KCC WICHITA

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to requester the status under Rule K.A.R. 82-3-304 on behalf of the operator Bear Petroleum	uest
and that the foregoing pressure information and statements contained on this application form are true	and
correct to the best of my knowledge and belief based upon available production summaries and lease rec	ords
of equipment installation and/or upon type of completion or upon use being made of the gas well herein nan	ned.
I hereby request a one-year exemption from open flow testing for the Grumbein 🕰 👢	
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	ļ
is not capable of producing at a daily rate in excess of 250 mcf/D	H
I further agree to supply to the best of my ability any and all supporting documents deemed by Comm	nission
staff as necessary to corroborate this claim for exemption from testing.	
Date: _4-26-11	
]}
Signature:	RECEIVE
Provident	11
	APR 2 8 2
K	CC WICH
'N	-C WIGH

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.