KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	ctions on Rev	erse Side	e)						
√ Op	en Flo	w			Test Date	·		No. 15							
Deliverabilty					1/15/15					API No. 15 15-165-20430 -0000					
Company Bear Pet		m LI	LC		-		Lease Rothe R					W	ell Number 1		
County Rush			Locat SW SV		Section 20		TWP 17		RNG (E/W) 16W			Acres Attributed 640			
Field Reichel					Reservoir Topeka, LKC, Granite Wash			Gas Gathering Connection IACX Energy, LLC							
Completic 5/23/72	on Dat	te			Plug Bac 3558	Plug Back Total Depth 3558			Packer Set at						
Casing Size 4 1/2"			Weigi 10.5	ht	Internal E 4"	Diameter	Set at 3562		Perfor Tope		то LKC 3324-3453				
Tubing Size 2 3/8"			Weight 4.6		Internal I	Diameter	Set at 3001		Perfor GW	То	То				
Type Completion (Describe) Perf & Treat/Commingled (Gas +				Type Flui Saltwa	Type Fluid Production Saltwater				it or Traveling n g Unit	Yes	No				
Producing Tubing	Thru	(Anı	nulus / Tubin	b) Oi		arbon Diox	tide		% Nitrog	en	G	as Grav	ity - G _g		
Vertical D	epth(F	1)				Pressure Taps					(N		in) (Prover) Size		
Pressure	Buildu	p:	Shut in _1/1	42	0_15 at_1	0:30	(AM) (PM)	Taken_1/	15	20	15 _{at} 10):30	(AM)(PM)		
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)		
_			-			OBSERVE	ED SURFACE	DATA			Duration of	Shut-in	Hour		
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Press psig (Pm)	Pressure Differential ure in Inches H ₂ 0	Flowing Well Ho		wellhead Pressure $(P_w) \circ (P_1) \circ (P_c)$		Tubing Wellhead Pressure (P _w) or (P _I) or (P _c)		Duratio		Liquid Produced (Barrels)		
Shut-In			paig (i-iii)	Miches H ₂ O		E	145	psia	psig	psła	 				
Flow					-										
				· · · · · · · · · · · · · · · · · · ·		FLOW STI	REAM ATTRI	BUTES							
Plate Coefficcient (F _b) (F _p) Mcfd		Gircle ann: Meter or Prover Pressure psla		Press Extension Pmxh	Grav Fac F	tor	Temperature Fac		iation Metered Flow ctor R _{Pv} (Mcfd)		GOR (Cubic Fee Barrel)		Flowing Fluid Gravity G _m		
<u></u>	ļ				(OPEN FL	OW) (DELIV	VERABILITY)	CALCUL	ATIONS			/D \2 -	= 0.207		
(P _c)² =		_:	(P _w) ² =	Choose formula 1 or 2	P _d =		% (P	, - 14.4) +	14.4 =	 :		(P _d) ² =			
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. P _c ² - P _c ² 2. P _c ² - P _d ² divided by: P _c ² - P _w ²	P _c ² -P _d LOG of formula 1. or 2. and divide		Backpress Slope0 Assig Standar		n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mofd)		
									\perp						
Open Flor	w			Mcfd @ 14.	65 psia		Deliverabi	lity			 Mcfd @ 14.	65 psia			
		igne	d authority, o	on behalf of the	Company. s	states that I	he is duly aut	thorized t	o make th	e above repo	rt and that	he has	knowledge of		
		_	•	aid report is true				_	day of F	•			, 20 15		
			Witness	(if any)	Î	KCC V	VICHIT	bear	tetro	teun L	Company				
			For Com			FEB 0	8 2015 _	lan	4 m	llert	cked by				
						REC	EIVED								

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request 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
correct to the best of my knowledge and belief based upon available production summaries and lease records
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 Rothe R #1
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 staff as necessary to corroborate this claim for exemption from testing.
Date: _2/3/15
FEB 0 6 2015 Signature: President
RECEIVED

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.