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

Type Test	t: en Flow					tions on Reve	erse Side	,	No. 15			
Deliverabilty				Test Date: 8-23-13			API No. 15 15-159-20477 <b>- 0000</b>					
Company Bear Pet		LLC		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Lease Binger					Well Number 1	_
County Rice		Locati SE NE		Section 21		TWP 20		RNG (E/W) 10W			Acres Attributed 320	
Field Chase-Silica			Reservoir Chase			-	Gas Gathering Connection Mid Kansas Gas Gather					
Completic	on Date			Plug Bac 1500	k Total Dept	h		Packer Set at NA		A STATE OF THE STA		
Casing Si 5 1/2"	ize	Weight 14		Internal Diameter 5"		Set at <b>2649</b>		Perforations 1464		To 1470		
Tubing Si 2 3/8"	ize	Weigh 4.7	t	Internal Diameter 2"		Set at 1488		Perforations		То		
	npletion (	Describe)			d Production				nit or Traveling	Plunger? Yes	/ No	—
Producing Thru (Annulus / Tubing Annulus			))	de		% Nitrog			Gas Gravity - G <sub>o</sub> .6614			
Vertical Depth(H)							sure Taps ged			(Meter Run) (Prover) Size 2"		
Pressure Buildup:		Shut in 8-2	Shut in 8-22 20		, 13 at 9:00		(AM) (PM) Taken 8-2		20	13 <sub>at</sub> 9:00	(AM)(PM)	)
Well on L	ine:	Started	2	0 at		(AM) (PM) 1	Taken		20	at	(AM) (PM)	)
				,	OBSERVE	D SURFACE	DATA		· · · · · · · · · · · · · · · · · · ·	Duration of Shut-	in Ho	urs
Static / Dynamic Property	Orifice Size (inches)	Meter Prover Pressu	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) psig psia		Wellhe	fubing ad Pressure r (Pt) or (Pc) psia	Duration (Hours)	Liquid Produced (Barrels)	t
Shut-In						90	poiu	polg	polu			
Flow												
					FLOW STR	EAM ATTRIE	BUTES	т				$\neg$
Plate Coefficeient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one:  Meter or  Prover Pressure  psia  Press  Extension  P <sub>m</sub> x h		Gravity Factor F <sub>g</sub>		Flowing Femperature Factor F <sub>11</sub>	Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	1 Gravity	
				(OBEN EI	OW) (DELIV	ERABILITY)	CAL CIII	ATIONS				
(P <sub>c</sub> ) <sup>2</sup> =	:	(P <sub>w</sub> ) <sup>2</sup> =	:	P <sub>d</sub> =		-	- 14.4) +		:	(P <sub>a</sub> ) (P <sub>d</sub> )	<sup>2</sup> = 0.207 <sup>2</sup> =	
(P <sub>c</sub> ) <sup>2</sup> - (I or (P <sub>c</sub> ) <sup>2</sup> - (I	P <sub>a</sub> ) <sup>2</sup>	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 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> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub>	LOG of formula 1. or 2. and divide		Backpress Slope 	sure Curve = "n" or gned rd Slope	n x	LOG	Antilog	Open Flow Deliverability Equals R x Antile (Mcfd)	log
Open Flo	w		Mcfd @ 14	.65 psia		Deliverabil	ity			Mcfd @ 14.65 ps	ıa	_
	_	ned authority, or rein, and that sa						o make that day of _A		rt and that he ha	as knowledge of	
ne racts s	iated the	rein, and that sa	au report is tru	e and correc	J. EXECUTED	uns the	2	<u> </u>	leun	ll	RECEIVED	
-		Witness (i	fany)				Un. v	101 I	Ford	Company KANSA	S CORPORATION	
		For Comm	ission			_	·····	<u>ии С</u>	Che	cked by	AUG 27	<del></del> 2013

	under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	under Rule K.A.R. 82-3-304 on behalf of the operator Bear Petroleum LLC
	oregoing pressure information and statements contained on this application form are true and
	best of my knowledge and belief based upon available production summaries and lease records
• •	installation and/or upon type of completion or upon use being made of the gas well herein named.
	equest a one-year exemption from open flow testing for the Binger #1
gas well on tr	e grounds that said well:
(C	heck 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 a	gree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as nece	ssary to corroborate this claim for exemption from testing.
	3
Date: 8-26-1	
Date: 8-26-1	
Date: <u>8-26-1</u>	Signature:
Date: <u>8-26-1</u>	Signature:

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.

RECEIVED

KANSAS CORPORATION COMMISSION