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

Type Test	t:				(	See Instruct	tions on Reve	rse Side	)			
<b>√</b> Op	en Flo	W			Test Date	<u>.</u>			ΔPI	No. 15		
De	liverab	ilty			12/5/13	,			175	5-21110 ~	0000	
Company BEREX		С					Lease KAPP				2-36	Vell Number
County SEWARD			Location S/2 NE SE		Section 36		TWP 32S		RNG (E/W) 34W		Acres Attributed	
Field NE LIB	ERAI	_			Reservoir U MOF					hering Conn ING GAS	ection SYSTEMS	
Completic 12/4/19		e			Plug Bac 6009	k Total Dept	th		Packer S NONE			
Casing Size 4.5			Weight 10.5		Internal Diameter 4.052		Set at 6083		Perforations 5582		то 5620	
Tubing S 2 3/8"	Tubing Size 2 3/8"		Weight 4.7		Internal Diameter 1.995		Set at 5534		Perforations		То	
Type Con SINGLE			escribe)			d Production ATER	n		Pump Un YES	it or Traveling	Plunger? Yes	/ No
Producing		(Anı	nulus / Tubing	)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gra .698	avity - G <sub>g</sub>
Vertical D	Pepth(H	1)				Pres: FLAI	sure Taps NGE				(Meter F 3.068	Run) (Prover) Size
Pressure	Buildu	p:	Shut in12/4	2	0_13_at_8	AM	(AM) (PM) 1	aken_12	2/5/	20	13 <sub>at</sub> 8 AM	(AM) (PM)
Well on L	ine:		Started	2	0 at		(AM) (PM) 1	aken		20	at	(AM) (PM)
						OBSERVE	D SURFACE	DATA	•		Duration of Shut-i	n_24Hours
Static / Dynamic Property	Orifi Siz (inch	θ	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	(P <sub>1</sub> ) or (P <sub>1</sub> )	ressure or (P <sub>c</sub> )	Wellhea (P <sub>w</sub> ) or	ubing ad Pressure (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrels)
Shut-In			psig (i iii)	monds (1 <sub>2</sub> 0			psig 7	psia	psig	psia	24	
Flow												
f	Ť					FLOW STR	EAM ATTRIE	BUTES	· · · · · · · · · · · · · · · · · · ·			
Plate Coeffied (F <sub>b</sub> ) (F Mofe	ient ,)	Pro	Circle one: Meter or over Pressure psia	Press Extension P <sub>m</sub> x h	Grav Fac	tor 1	Flowing Femperature Factor	Fa	ation ctor pv	Metered Flow R (Mcfd)	v GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G_
(D. \2			(D. )2		•		ERABILITY)					= 0.207
(P°) <sub>5</sub> =	r			Choose formula 1 or 2	P <sub>4</sub> =		<del>1                                    </del>	- 14.4) + ure Curve	14.4 =	·	(P <sub>d</sub> ) <sup>2</sup>	
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>c</sub> ) <sup>2</sup> - (	•	(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. P <sub>c</sub> <sup>2</sup> -P <sub>s</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> -P <sub>c</sub> <sup>2</sup> **Vided by: P <sub>c</sub> <sup>2</sup> -P <sub>c</sub> <sup>2</sup>	LOG of formuta 1. or 2. and divide by:	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Slope Assi	= "n"	nxl	.og	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
				M-4- @ 44	\$5i-		Dalissanhit				Maid @ 14 FF noi	
Open Flo				Mcfd @ 14.			Deliverabil				Mcfd @ 14.65 psi	
		-	•				•		D	e above repo ecember	rt and that he ha	s knowledge of
ine facts s	stated t	ne <b>r</b> ei	in, and that sa	id report is true	and correc	t. Executed RECE		<del></del> '	day of $\sqrt{\frac{1}{2}}$	14 NA	11.	, 20
			Witness (i	any)	KANSA		TION COMMIS	SION	12	For	Company	
<del></del>			For Comm			DEC 2	<b>6</b> 2013 —	· · · · ·			cked by	

exempt status and that the fo correct to the I of equipment i	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 BEREXCO 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 KAPP 2-36
gas well on the	e grounds that said well:
[ [ [ I further a	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  gree to supply to the best of my ability any and all supporting documents deemed by Commission sary to corroborate this claim for exemption from testing.
Date: 12/23/1	3
	RECEIVED MAH BAY
	DEC 2 6 2013 Title: PETROLEUM ENGINEER
	CONSERVATION DIVISION WICHITA, KS

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.