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

Type Test	t:				(	See Instruc	tions on Rev	erse Side	)					
<b>√</b> Op	en Flo	w			Test Date				ADI	No. 15				
De	liverab	ilty			9/24/13	<del>)</del> :				7-20094 <b>-</b> -	0000			
Company BEREXO	OO LL	.C			T D T I		Lease CARLS	ON			3	Well No	ımber	
County EDWARDS			Location SW SE		Section 12		TWP 23		RNG (E/W) 19W		Acres Attributed		Attributed	
Field BADGE	ER H	ILL			Reservoir CHER				Gas Gat	hering Conn	ection			
Completic 5/15/71		e			Plug Bac 4430	k Total Dept	th		Packer S	Set at				
Casing Size 5 1/2"			Weigh 17	t	Internal Diameter		Set at 4436		Perforations 4402		То 4409			
Tubing Size			Weigh	t	Internal Diameter			Set at 4400		rations	То			
Type Con			escribe)		Type Flui	d Production	n		Pump Ur	nit or Traveling	Plunger? Yes YES	/ No		
Producing	g Thru	(Anr	nulus / Tubing	<u>)</u>	% Carbon Dioxide				% Nitrog	en	Gas Gravity - G			
ANNUL					0.2794		27.3852			0.7323				
Vertical Depth(H) 4455				Pressure Taps FLANGE							(Meter Run) (Prover) Size 4.028			
Pressure	Buildu	ıp:	Shut in9/2:	3/ 2	0 13 at 9	:00 am	(AM) (PM)	Taken_9/	24/	20	13 <sub>at</sub> 9:00 a	m	(AM) (PM)	
Well on L	.ine:		Started	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut	-in_24	Hours	
Static / Orifice		Circle one: Pressure		Flowing Well Head		Casing		Tubing		0				
Dynamic Size		e	Meter Prover Pressu	Differential in	Temperature	Temperature	I Wellhead Pressure		Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Ouration (Hours)		Liquid Produced (Barrels)	
Property	(inch	105)	psig (Pm)	Inches H <sub>2</sub> 0	t	t	psig	psia	psig	psia				
Shut-In							147				24			
Flow														
						FLOW STR	REAM ATTR	BUTES						
Plate	•		Circle one:	Press	Grav	<sub>zitv</sub>	Flowing	Dev	lation	Metered Flo	w GOR		Flowing	
Coeffictient		Meter or Prover Pressure		Extension	Fac	tor	emperature Factor	Fa	Factor R F <sub>pv</sub> (Mcfd)		(Cubic Fe	et/	Gravity	
(F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd			psia	√ P <sub>m</sub> x h	F,	•	F <sub>tt</sub>				Barrelj	)		
<u> </u>					(OPEN FL	OW) (DELIV	/ERABILITY)	CALCUL	ATIONS			) <sup>2</sup> = 0.2	207	
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =		P <sub>d</sub> =		% (P	<sub>c</sub> - 14.4) +	14.4 =	:	(P <sub>d</sub> )	) <sup>2</sup> ==		
(P <sub>c</sub> )²-(	P <sub>s</sub> ) <sup>2</sup>	(F	P <sub>0</sub> ) <sup>2</sup> - (P <sub>0</sub> ) <sup>2</sup>	Choose formula 1 or 2 1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup>	LOG of formula	$\Gamma$		ssure Curve e = "n"	n x				pen Flow liverability	
or (P <sub>c</sub> )²-(	P <sub>a</sub> )²		1	2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup>	1. or 2. and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Ass	or igned	.   '' -		Antilog		s R x Antilog	
	-			divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>3</sup>	2 by:		Standa	ard Stope				ļ	(Mcfd)	
<u> </u>						···	ļ					ļ		
												<u> </u>		
Open Flo	w			Mcfd @ 14.	65 psia	<del></del>	Deliverab	ility		<u>.</u>	Mcfd @ 14.65 ps	ia		
The	unders	signe	d authority, o	n behalf of the	Company,	states that h	ne is duly au	thorized to	o make th	ne above repo	ort and that he ha	as know	vledge of	
the facts s	stated	therei	in, and that sa	aid report is true	e and correc K	t. Executed	RECEIVED 23	Brd Daniel		ecember		,	20 13	
			Witness (i	f any)			C 2 6 20		WENY .	For	Company			
			For Comm	ilssion			RVATION DIVI			Che	cked by		·	
						И	VICHITA, KS	SION						

	der penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator_BEREXCO LLC							
	going pressure information and statements contained on this application form are true and							
	st 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.								
l hereby requ	lest a one-year exemption from open flow testing for the CARLSON 3							
gas well on the g	rounds that said well:							
(Checi	k 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							
<b>√</b>	is not capable of producing at a daily rate in excess of 250 mcf/D							
I further agre	e to supply to the best of my ability any and all supporting documents deemed by Commission							
_	ry to corroborate this claim for exemption from testing.							
	y to correspond to this cidim for exemption from testing.							
Date: 12/23/13								
Date: 12/23/13								
	DECENTED BY ALL POLICE							
КА	NSAS CORPORATION COMMISSION IN							
	DEC 2 6 2013 Title: PRODUCTION 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.