S.A.

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

= '	en Flow liverabilty	,		Test Date 11/17/1				API	No. 15	7-20219 - 0 0	200		
Company					J	Lease			- 00		Well Nu	mber	
BEREXCO LLC			ARTHUR			RNG (E/W) Acres Attribu							
County Location BARBER SE SE SW			Section 11		TWP 33S			/VV)		ACIES A	uundu		
Field RHODES EXT				Reservol				Gas Gat	thering Conn	ection			
Completion Date				Plug Back Total Depth 4436				Packer Set at 3609					
DECEMBER 1972 Casing Size Weight			Internal (Dlameter		Set at Pe		rations	То				
5.5 14` Tubing Size Weight			Internal (Diameter				785 442 enforations To		424 o			
2 3/8 4.7		1.995											
Type Cor	npletion (GAS	Describe)		Type Flui WTR	d Production	on		Pump U	nit or Traveling	g Plunger? Yes	/ No		
Producin	Producing Thru (Annulus / Tubing)				% Carbon Dioxide			% Nitrog	*		Gas Gravity - G		
ANNULUS Vertical Depth(H)			*	0.091 Pressure Taps				3.142 0.6971 (Meter Run) (Prover)			rouge)		
AGLICAL F	/epui(m)				rie	ssure raps				(Mater	nuil) (Fi	Overy	
Pressure	Buildup:	Shut in 11/	6/ 2	13 at 8	:00 am	_ (AM) (PM)	Taken 1	1/17/	20	13 _{at} 8:00 a	ım ((MA)	
Well on L	.ine:			0 at		_ (AM) (PM)	Taken		20	at	(AM) (
	·				-						. 24		
	1	Circle one:	Pressure	ì		ED SURFAC	E DATA sing	1 .	Tubing	Duration of Shut	-in		
Static / Dynamic	Orifice Size	Meter Prover Pressu	Differential	Flowing Temperature	Well Head Temperatur	Wellhead Pressure (P_) or (P ₁) or (P ₂)		Wellhead Pressure (P_) or (P ₁) or (P ₂)		Duration (Hours)		Liquid Produ	
Property	(inches)	psig (Pm)		t	t	psig	psia	psig	psla	(Hours)		3011013	
Shut-In						75		0		24			
Flow											Ī		
				•	FLOW ST	REAM ATTR	IBUTES	•					
Plate Coeffiecient (F _b) (F _e)		Circle one: Meter or Prover Pressure	Press Extension	Gra- Fac F	tor	Flowing Temperature Factor	Fa	riation actor =	Metered Flo R (McId)	w GOR (Cubic Fe Barrel)	eet/	Flor Fl Gra	
Mefe		psia	- ' m'''		<u> </u>	F _{ii}		PY	,,,,,,			0	
L	i			(OPEN FL	OW) (DELI	VERABILITY) CALCUL	ATIONS	<u> </u>		اــــــا		
(P _e) ² =		(P _w) ² =	:	P _d =		_% (1	- P _e - 14.4) +	14.4 =	:	(P _a)) ² = 0.2() ² =		
(P _e) ² · (or (P _e) ² · (•	(P _e) ² - (P _w) ² Choose formula f or 2: 1. P _e ² - P _a ² 2. P _e ² - P _d ²		LOG of formula 1. or 2. and divide p.2. p.2		Backpressure Curve Slope = "n" Assigned		n x LOG		Antilog D		en Flo iverabi i R x /	
			ivided by: P ₁ 2 - P ₂	by:	<u> </u>	Stand	lard Slope				<u> </u>		
Open Flo			Mcfd @ 14.	65 psia		Deliverat	sility	:		Mcfd @ 14.65 ps	ia		
<u> </u>		and puthority or			states that			o make #	ne above roor	ort and that he ha			
	•	rein, and that sa				•			ECEMBER		, , 2	₂₀ 13	
					<u>.</u>	-	109	ett "	Sy		C W	/IC	
		Witness (if	any)						€ For	Company Par	EC 3 (A 4	

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator BEREXCO LLC
	at the foregoing pressure information and statements contained on this application form are true and
	to the best of my knowledge and belief based upon available production summaries and lease records
	oment installation and/or upon type of completion or upon use being made of the gas well herein named.
	ereby request a one-year exemption from open flow testing for the ARTHUR #1
	Il on the grounds that said well:
	(Check one) is a coalbed methane producer
	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
l fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commissi
staff as	necessary to corroborate this claim for exemption from testing.
Date: _	2/12/13
	Signature: Both Bly

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 CC WICHITA signed and dated on the front side as though it was a verified report of annual test results.