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

Type Test	:				(	See Instruc	ctions on Re	verse Side	))				
Open Flow					Test Date	<b>э</b> :		API No. 15					
De	liverab	ilty	tHr.Sh	ut In Test	10/26/2					057-20284 -	0000		
Company	ı		RIOR, INC.				Lease BOGER	l			F-1	Well Number	
County Location FORD S/2 S/2 NE				Section 13		TWP 27S	, ,		W)		Acres Attributed		
				Reservoia CHERC			Gas Gathering Conne ONEOK		ection				
				Plug Bac 5085	k Total Der	pth	Packer Set at						
Casing Si 4.5	asing Size Weight 5 10.50			Internal I 4.052	Diameter		Set at Perf 5129 489		rations 8	To 4900	· · · ·		
Tubing Size 2.375			Weight 4.70		Internal Diameter 1995			Set at 5082		rations	То		
					d Production		Pump Unit or Trave ATER PUMP UNIT			Plunger? Yes	/ No		
Producing Thru (Annulus / Tubing) ANNULUS				% C	Carbon Diox	xide	% Nitrogen		Gas Gravity - G <sub>g</sub>				
Vertical D	epth(F	l)				Pre	ssure Taps				(Meter l	Run) (Prover) Size	
Pressure	Buildu	p: :	Shut in 10/	/26 <sub>2</sub>	0_15 at 8	:30 AM	_ (AM) (PM)	Taken_10	)/27	20	15 at 8:30 A	M (AM) (PM)	
Well on L	ine:		Started	20	O at		_ (AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERV	ED SURFACI	E DATA			Duration of Shut-	in 24 Hours	
Static / Dynamic Property	Siz	Orifice Size nches)  Circle one:  Meter Prover Pressure psig (Pm)			Flowing Temperature t	Well Head Temperature 1	e Wellhead (P <sub>w</sub> ) or (P	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) psig psia		Tubing ead Pressure r (P <sub>1</sub> ) or (P <sub>c</sub> )	Duration (Hours) KANSA	Liquid Produced (Barrels) (Secelived) (Second Componential Commission)	
Shut-In							35	pola	psig	pola		DEC 29	
Flow					<del> –</del>		25					SERIATIO	
						FLOW ST	REAM ATTR	IBUTES				-	
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Grav Fac F	tor	Flowing Temperature Factor F <sub>11</sub>	emperature Factor F		Metered Flow R (Mcfd)	(Cubic Fe Barrel)	Grouity	
					(OPEN FL	OW) (DELI	VERABILITY	) CALCUL	ATIONS		(P <sub>a</sub> )	<sup>2</sup> = 0.207	
(P <sub>c</sub> ) <sup>2</sup> =	1	_:_	(P <sub>w</sub> )² =	Choose formula 1 or 2.	P <sub>d</sub> =		_% (F	o <sub>c</sub> - 14.4) +	14.4 =	:	(P <sub>d</sub> )	<sup>2</sup> =	
$(P_a)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F	P <sub>o</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	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> <sup>2</sup>	LOG of formula 1, or 2. and divide	P.2-P.2	Backpressure Curve Slope = "n" or Assigned Standard Slope		l n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
					:			***				<u> </u>	
Open Flor	w			Mcfd @ 14.	bb psia		Deliverab	onity			Mcfd @ 14.65 ps	<u>.</u>	
		•	-	on behalf of the						ne above repo	rt and that he ha	as knowledge of, 20 <u></u> .	
			Witness	(if any)			-	<del></del>	~\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	LILLLY FOR C	I CASE		
			For Com	mission			-			Chec	:ked to	man	

	clare 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 AMERICAN WARRIOR, INC.
	t 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
	ment installation and/or upon type of completion or upon use being made of the gas well herein named. reby request a one-year exemption from open flow testing for the BOGER F-1
	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
	ther agree to supply to the best of my ability any and all supporting documents deemed by Commissic necessary to corroborate this claim for exemption from testing.
)ate: <u>1</u>	1/11/2015
	Signature: Sullufasi
	Title: WELL OPERATIONS ASSISTANT

## 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.