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

Type Tes			J.1.L		(	See Instruc	tions on Reve	erse Side	e)				
	en Flo eliverab		راله حارر	I TIC	Test Date	Test Date: ~10/11/2013				API No. 15 15-057-20284 <b>- 0000</b>			
Company AMERICAN WARRIOR, INC.					L		Lease BOGER				F-1	Well Number	
County Location FORD S/2 S/2 NE				Section 13			TWP 27S		/W)	Acres Attributed			
Field KONDA SOUTHEAST					Reservoi CHERC				Gas Gathering Co ONEOK		ection		
Completi 10/13/19		e			Plug Bac 5085	Plug Back Total Depth 5085			Packer S	Set at			
Casing S	Casing Size Weight 4.5 10.50			Internal ( 4.052	Internal Diameter 4.052		Set at 5129		rations 8	то 4900			
Tubing S 2.375	ubing Size Weight			Internal I 1995	Internal Diameter 1995		Set at <b>5082</b>		rations	То			
Type Cor	npletio	n (De	scribe)	•		Type Fluid Production FORMATION WATER			Pump Unit or Traveling P PUMP UNIT				
Producing		(Ann	ulus / Tubin ·	g)	· % C	% Carbon Dioxide			% Nitrogen		Gas Gravity - G <sub>g</sub>		
Vertical E	Depth(H	1)	,	,		Presi	sure Taps				(Meter I	Run) (Prover) Size	
. Pressure	Buildu	p: S	hut in	/11 2	0_13_at_1	:30 PM	(AM) (PM) 1	aken_10	)/12	20	13 <sub>at</sub> 12:00F	PM (AM) (PM)	
Well on L	ine:		tarted	2	0 at		(AM) (PM) 1	aken		20	at	(AM) (PM)	
		· 	:		<del>,</del>	OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24 Hour	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well Head Temperature t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	nut-In			-					·		٠.٠		
. Fłów	٠.			. ,			35						
<del></del>						FLOW STR	EAM ATTRIE	UTES					
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mofd		Circle one: Meter or Prover Pressure psia		Press Extension √ P <sub>m</sub> x h	Extension Fact		Flowing Femperature Factor	ture Eactor		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G <sub>m</sub>	
-													
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> ) <sup>2</sup> =		(OPEN FLO	• • •	ERABILITY) (P.	CALCUL - 14.4) +			(P <sub>a</sub> ) <sup>2</sup> (P <sub>d</sub> ) <sup>2</sup>	= 0.207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub>	)²- (P <sub>w</sub> )²	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>		P.2-P.2	Backpressure Curve Slope = "n"or Assigned				Antilog	Open Flow Deliverability Equals R x Antilog	
			·	divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		c w	Standar	d Slope			•	(Mcfd)	
		•											
Open Flow Mcfd @ 14.65			65 psia		Deliverabili	ty	Mcfd @ 14.65 psia						
The ι	undersi	gned	authority, o	n behalf of the	Company, s	tates that h	e is duly auth	orized to	make th	e above repor	t and that he ha	s knowledge of	
he facts s	tated th	erein	, and that sa	aid report is true	and correct	Executed	this the 04		day of N	OVEMBER	<u> </u>	, 20 13	
						KCO	C WICH	ے > <b>۱۲۸</b>	She	llers (	bse		
			Witness (i	f any)					Wi	Ke St	many	Ln -	
			For Comm	ission		NO'	V 27 20	13	y	Check	ed by		

**RECEIVED** 

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator AMERICAN WARRIOR, INC. and that the foregoing pressure information and statements contained on this application form are true and correct to the best 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.  I hereby request a one-year exemption from open flow testing for the BOGER F-1 gas well 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.  I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.  Date: 11/04/2013  Signature: PRODUCTION ASSISTANT		
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Date: 11/04/2013  Signature: Mulliyasi		med by Commission
Signature: Sulley ase		
	Date:	
Title: PRODUCTION ASSISTANT	Signature:	
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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.

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