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

Type Test:			(-	See Instructi	ons on Reve	erse Side	)			
Open Flow Deliverabilty	24hr5	hotiu	Test Date 4/7/12	<b>:</b> :		-	API <b>15-</b> 0	No. 15 0 <b>57-20284 ~</b>	00-00	
Company American Warric		100			Lease Boger					Well Number
County Ford	Location S/2-S/2-N		Section 18		TWP 27S		RNG (EA	N)	,	Acres Attributed
Field	3/2-3/2-10		Reservoir		2/3		Gas Gath	nering Conne	ection	
Konda Southeas	t		Mississi				Oneoke	U	,000 T	
Completion Date 10/13/82			Plug Baci 5085'	k Total Deptl	1		Packer S NA	et at		
Casing Size Weight 11/2 10.5#			Internal Diameter 4.052		Set at <b>5129</b>		Perforations 4962		то <b>5006</b>	
Tubing Size 23/8	Weight 4.70		Internal D 1.995	Diameter	Set at <b>5082</b>		Perfor	ations	То	
Type Completion (Gas & oil) Si			• •	d Production			Pump Un Pumpii	it or Traveling na unit	Plunger? Yes	/ No
Producing Thru (A			% C	arbon Dioxid	de		% Nitroge		Gas Gra	avity - G <sub>g</sub>
Vertical Depth(H)				Press	ure Taps				(Meter F	Run) (Prover) Size
Pressure Buildup:	Shut in	20	12 at 1:	:30PM	(AM) (PM)	Taken_4/	8	20	12 <sub>at</sub> 1:30PN	(AM) (PM)
Well on Line:	Started	20	) at		(AM) (PM)	Taken		20	at	(AM) (PM)
				OBSERVE	SURFACE	DATA			Duration of Shut-i	in 24 Hours
Static / Orifice Dynamic Size Property (inches)	Circle one:  Meter  Prover Pressure  psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	Casir Wellhead P (P <sub>w</sub> ) or (P <sub>t</sub> )	ressure or (P <sub>c</sub> )	Weilhea	ubing ad Pressure (P <sub>t</sub> ) or (P <sub>c</sub> ) psia	Duration (Hours)	Liquid Produced (Barrels)
Shut-In		2	!		psig 40	psia	parg	psia		
Flow					160					
				FLOW STR	EAM ATTRI	BUTES				
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 Fact F <sub>g</sub>	tor T	Flowing emperature Factor F <sub>rt</sub>	1	iation ctor :	Metered Flow R (Mcfd)	GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G <sub>m</sub>
(P <sub>c</sub> ) <sup>2</sup> =:	(P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FLO	OW) (DELIVI	ERABILITY)		ATIONS 14.4 =	:	(P <sub>a</sub> )² (P <sub>d</sub> )²	? = 0.207 ? =
	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	2. $P_c^2 - P_d^2$ ded by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Backpress Slope 	sure Curve e = "n" or gned rd Slope	n x l	ГЛ	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
				<del></del>		<del></del>				
Open Flow		Mcfd @ 14.6	35 psia		Deliverabil	ity			Mcfd @ 14.65 psi	a
The undersign	ed authority, on t						o make th		rt and that he ha	s knowledge of

exempt status und and that the fore	der Rule K.A.R. 82-3-304 on behalf of the operator American Warrior Inc.  going pressure information and statements contained on this application form are true and
of equipment inst	t of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the <a href="Boger #F-1">Boger #F-1</a>
	rounds that said well:
_	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 e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
Date: 4/13/12	
	Signature:  Title: Foreman

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