## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

ype Test:				[1	oce manucu	ions on Heve	ise orde,							
Open Delive		24hr 51	i 11	Test Date	:				No. 15 <b>077-21663 -</b>	ഹമ-മ	<b>D</b>			
 ompany nerican V			hilth	9/11/12		Lease Patterson			777-21003			Vell Num	ber	
County Location Harper N/2-SW-SW-SE			Section 13				RNG (E/	RNG (E/W) 9 <b>W</b>			cres At			
ield libbord			Reservoir Mississi			Gas Gathering Conn Atlas		hering Conne	ction RECE/			RECEIVE		
Completion Date 1/1/10				Total Dept	h			et at	RECEIN SEP 2 7 To 4612 To			EP 27 7		
sing Size	ing Size Weight		Internal Diameter 4.892		Set at 5071		Perforations 4605'		то 4612		KC	NIO.		
50 bing Size	ing Size Weight		Internal Diameter		Set at		Perforations			To		ואטויי		
2.375 4.70 ype Completion (Describe)			1.995 Type Fluid Production					ump Unit or Traveling Plung		Yes	/ No			
i 	-				formation			<b>-</b>	ng unit		Coo Cro	with C		
roducing T <b>nnulus</b>	Thru (An	nulus / Tubing	3)	% C	arbon Dioxi	ge .		% Nitrog	en	,	uas ura	ıvity - G <sub>ç</sub>		
/ertical Depth(H)			Pressure Taps			· · · · · · · · · · · · · · · · · · ·			(Meter Run) (Prover) Size					
essure Bu	uildup:	Shut in 9/1	1 2	0 12 at 2:	36PM	(AM) (PM) T	aken 9/	12	20	12 <sub>at</sub> 3	3:23PN	1 (A	M) (PM)	
ell on Line	<b>e</b> :	Started	2	0 at		(AM) (PM) T	aken		20	at		(A	M) (PM)	
			· · · · · · · · · · · · · · · · · · ·		OBSERVE	D SURFACE	DATA			Duration o	of Shut-i	n 24	Hours	
namic	Orifice Size (inches)	Circle one:  Meter Prover Pressurpsig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) psig psia		Wellhe (P <sub>w</sub> ) o	Tubing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$ psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In		poig (,				280	рыа	рыд	psia					
Flow						60								
					FLOW STR	EAM ATTRIB	UTES							
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or over Pressure psia	Press Extension ✓ P <sub>m</sub> xh	Grav Fact	or 1	Flowing emperature Factor F <sub>ft</sub>	Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)	GOR (Cubic Fee Barrel)		et/	Flowing Fluid Gravity G <sub>m</sub>	
				(OPEN FL	OW) (DELIV	ERABILITY) (	CALCUL	ATIONS			(D.)2	= 0.20	7	
) <sup>2</sup> =	:	(P <sub>w</sub> ) <sup>2</sup> =	:	•	• •	-			:		(P <sub>d</sub> ) <sup>2</sup>			
$(P_c)^2 - (P_a)$ or $(P_c)^2 - (P_d)$	ļ	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w$	LOG of formula 1. or 2. and divide	P.2 - P.2	Backpressure Curve Slope = "n" or Assigned Standard Slope		пx	n x LOG		og	Open Flow Deliverability Equals R x Antilog (Mcfd)		
			14404	05		Deliverskiii	<b>.</b>			Antal @ 4	A 65 mai:			
pen Flow			Mcfd @ 14			Deliverabili	_	<u> </u>		Mcfd @ 14	•			
	•	<del>-</del>	n behalf of the					_	eptember	t and tha		s knowle		
		Witness (i	if any)				Jod	4	Uni Wil	Impany	X			

## SEP 2 7 2012

	KCC WICHITA
I declare und	ler penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status un	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
correct to the bes	t of my knowledge and belief based upon available production summaries and lease records
of equipment inst	allation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby requ	est a one-year exemption from open flow testing for the Patterson 1-13
	rounds that said well:
(Chec	k one)
(50,00)	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
	ee to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: <u>9/24/12</u>	
	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 must be signed and dated on the front side as though it was a verified report of annual test results.