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

Type Test	:				(	See Instruci	ions on Rev	erse Side	<del>?</del> )					
	en Flo				Test Date				ΔPI	No. 15				
Del	liverab	illy 24-	HV Just	Intest	10/16/15					033-21341~	0000			
Company Americal	,			100-1-0-1			Lease Bird		-		#:	Well   3-28	Number	
County Location Comanche C-S2-SE-NE		Section 28		TWP 32S		RNG (E/W) 19W			Acres Attributed					
Field Birdeast		\ <u>-</u>	Reservoir Viola					Gas Gathering Connection WPS		To RECEIVED				
Completion Date 01/16/03		<u> </u>	Plug Bac 5913'	th		Packer Set		et at		EC 20 C				
Casing Size 51/2			Weight 17#		Internal E 4.892	Diameter	set at 5948'		Perforations 5821'		To 58	844' ×	RECE!	
Tubing Size 23/8			Weight 4.7		Internal E 1.995	Diameter		Set at 5890'		Perforations			ED	
Type Con Gas	pletio	n (De	escribe)			d Production tion water				nit or Traveling ing unit	Plunger?	Yes / No	<u> </u>	
		(Anr	nulus / Tubing	)	% C	arbon Dioxi	đe		% Nitrog	jen	G	as Gravity	- G <sub>0</sub>	
Annulus Vertical D		-1)				Pres	sure Taps				/N	Meter Run)	(Prover) Size	
		·,				,,,,,					11.		(1 10101) 0120	
Pressure	Buildu	p: -	Shut in	6 2	0 15 at 2	:30PM	(AM) (PM)	Taken_10	0/17	20	15 at 2:	30PM	_ (AM) (PM)	
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at		_ (AM) (PM)	
			<u>-</u>			OBSERVE	D SURFACE	DATA			Duration of	Shut-in 2	4 Hours	
Static /	Orif	ice	Circle one: Meter	Pressure	Flowing	Well Head	Casi	ng	1	Tubing		T		
		Prover Press			Temperature t	Temperature t	Wellhead Pressure $(P_{\mu})$ or $(P_{c})$		Wellhead Pressure $(P_x)$ or $(P_t)$ or $(P_c)$		Duration (Hours)	_	Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H <sub>2</sub> 0			psig 115	psia	psig	psia			_	
Flow				<del>                                     </del>			55							
					·	FLOW STR	REAM ATTRI	BUTES						
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Extension Fac		Flowing Temperature Factor F <sub>it</sub>		viation actor F <sub>pv</sub>	Metered Flow R (Mcfd)	(Ct	GOR ubic Feet/ Barrel)	Flowing Fluid Gravity G <sub>m</sub>	
					_			<u> </u>		1	t			
					(OPEN FL	OW) (DELIV	'ERABILITY)	CALCUI	LATIONS			$(P_a)^2 = 0$	0.207	
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	Choose formula 1 or 2			% (P	· 14.4) +	+ 14.4 = <u> </u>	<u>:</u>		(P <sub>d</sub> ) <sup>2</sup> ≈		
(P <sub>c</sub> ) <sup>2</sup> - (1 or (P <sub>c</sub> ) <sup>2</sup> - (1		(F	P <sub>c</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>3</sup>	LOG of formula 1, or 2, and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Slop	ssure Curve 00 = "n" or signed	n x	LOG	Antilog	1 1	Open Flow Deliverability uals R x Antilog	
<u> </u>				fivided by: $P_c^2 - P_w$	2 by:	w	Standa	ard Slope					(Mcfd)	
	_						-							
Open Flo	w		·	Mcfd @ 14	.65 psia		Deliverab	ility	<u> </u>		Mcfd @ 14.	.65 psia		
The	unders	igne	d authority, or	behalf of the	Company,	states that I	ne is duly au	ıthorized	to make t	he above repo	rt and that	he has kr	owledge of	
				id report is tru					_	DECEMBER			, 20 15	
			Witness (i	any)			-			My Let	ompany (v 10 . (i			
			For Comm	ission			-			Chec	ked by			

	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
orrect	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 <u>Bird #3-28</u>
	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
l fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commiss
staff as	necessary to corroborate this claim for exemption from testing.
Date: _	2/04/2015
	Signature:
	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.