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

Type Test:	:				G	See Instructi	ions on Reve	erse Side	9)					
	en Flov				Test Date	ı:			API	No. 15				
Del	iverabi	lty L11	Shut	In Post	10/12/15					033-21393 -	0000			
Company Americar	•						Lease Bi <b>r</b> d					#4-28	Vell Numi	per
County Comanch	County Location Comanche C-NE-SE-NW		Section 28		TWP 32S		RNG (E/W) 19W			Acres Attributed				
Field Bird				Reservoir Mississippian			Gas Gathering Connection WPS			TO RECEIVED				
Completion Date 2/26/04			Plug Back 5360'	Total Dept	h		Packer Set at				DEC &	8 200		
Casing Size 51/2			Weight 17#		Internal Diameter 4.892		Set at 5405'		Perforations 5130'			то 5146'	MECL	ElVEN
Tubing Size 23/8			Weight 4.70		Internal D 1.994	Diameter	Set at 5357'		Perforations			То		<0
			Type Fluid Production Oil & formation water				Pump Ui Yes	nit or Traveling	? Yes	/ No				
Producing	•	(Anr	nulus / Tubing	)	% C	arbon Dioxi	de		% Nitrog	jen		Gas Gra	ıvity - G <sub>g</sub>	
Vertical D		)				Press	sure Taps					(Meter R	Run) (Pro	/er) Size
Pressure	Buildu	p: 3	Shut in	2 2	15 at 2	:00PM	(AM) (PM)	Taken_1	0/13	20	15 at_	2:00PN	/I(AI	м) (PM)
Well on Li	ine:	;	Started	20	) at		(AM) (PM)	Taken		20	at_		(AI	м) (PM)
	_					OBSERVE	D SURFACE	DATA	1		Duration	of Shut-i	n_24	Hours
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressur psig (Pm)	Pressure Differential  in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	Malihaad Praceura		Tubing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$ psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In							170							
Flow						•	30							
						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 Fac F	tor	Temperature		viation actor F <sub>p</sub> ,	Metered Flov R (Mcfd)		GOR (Cubic Feet Barrel)		Flowing Fluid Gravity G <sub>m</sub>
							_	<u></u>						
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> )² =_		(OPEN FL		'ERABILITY) % (P.		LATIONS + 14.4 = _	:		(P <sub>a</sub> ) <sup>2</sup> (P <sub>d</sub> ) <sup>2</sup>	2 = 0.207 2 =	7
(P <sub>c</sub> ) <sup>2</sup> - (I		(F	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: $P_c^2 - P_a^2$	LOG of formula 1, or 2, and divide		Backpres Slope Ass		e n x	roe	Ant	iilog	Ope Delive Equals F	n Flow erability R x Antilog lefd)
									-					
Open Flo	w		<u>;</u>	Mcfd @ 14.	! 65 psia		Deliverabi	lity	I		Mcfd @	14.65 psi	a	
The	unders	igne	d authority, or	n behalf of the	Company,	states that h	ne is duly au			•	ort and th	nat he ha	ıs knowle	dge of
the facts s	stated t	here	in, and that sa	uid report is tru	e and correc	ct. Executed	this the 4		_ day of _[	DECEMBER	$\overline{\Omega}$		, 20	15
			Witness (i	f any)			_			July	A Company	1		
			For Comm	íssion			<del></del>		<u> </u>	Che	cked by	<u>UL</u>		*****

	re under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	tus under Rule K.A.R. 82-3-304 on behalf of the operator American Warrior Inc.
	e foregoing pressure information and statements contained on this application form are true and
	he best of my knowledge and belief based upon available production summaries and lease records
	ent installation and/or upon type of completion or upon use being made of the gas well herein named.
	y request a one-year exemption from open flow testing for the Bird #4-28
gas well or	n 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
ا الله الله الله الله الله الله الله ال	
	er agree to supply to the best of my ability any and all supporting documents deemed by Commissic
statt as ne	cessary to corroborate this claim for exemption from testing.
Date: <u>12/</u> 4	<del>/</del> 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.