Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	:				(:	See Instruct	ions on Reve	erse Side)					
□ Ор	en Flov	V			Test Date				API	No. 15				
Del	liverabi	1ty 2	1+tr.54	ut In Te	5/10/30/15	5				077-21593 -	0000			
Company	,			~~~~~~			Lease Burkhold	er				1-21	/ell Num	ber
County Harper S		Location SW-SE	Location SW-SE		Section 21S		TWP 32S		RNG (E/W) 7W			Acres Attributed		
Field Crystal S	Springs	S			Reservoir Mississi					thering Connection Vichita Gas		Acres Attributed KCC WICLITA RECEIVED To 4398'		
Completic 1/25/08	on Date	•		. =	Plug Back 4550'	k Total Dept	h		Packer S	Set at		υ <u>ε</u> (28	
Casing Si 51/2	ize		Weight 15.5		Internal D 4.950'	Diameter	Set at 4592		Perfo 439	rations 0'		то 4398'	CEIL	ED.
Tubing Si 23/8	Zθ	Weight 4.70		l	Internal D 1,994		Set at 4546		Perforations			То		 -
Type Con Gas	npletion	(De	escribe)			d Production			Pump Ur No	nit or Traveling	Plunger	? Yes	/ No	
Producing Tubing	Thru	(Anr	ulus / Tubing)	% C	arbon Dioxi	de		% Nitrog	en		Gas Gra	vity - G)
Vertical D	epth(H)				Pres	sure Taps					(Meter F	un) (Pro	over) Size
Pressure	Buildu	D: :	Shut in10/	30 2	15 at 8	:20AM	(AM) (PM)	1(Taken1	0/31		15 at_	8:39AN	1(A	(PM)
Well on L	ine:	!	Started	2	0 at		(AM) (PM)	Taken		20	at _		(A	M) (PM)
						OBSERVE	D SURFACE	DATA			Duration	of Shut-i	n	Hours
Static / Dynamic Property	Orific Size (inche	в	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casir Wellhead P (P _w) or (P ₁)	ressure	Wellhe	Tubing ead Pressure (P ₁) or (P _c)		ation urs)	Liquid Produced (Barrels)	
Shut-In							230		pug_	p5.tt	_			
Flow							165							
						FLOW STE	REAM ATTRI	BUTES				_		
Plate Coeffiec (F _b) (F Mcfd	ient p)	Pro	Circle one: Meter or ver Pressure psia	Press Extension ✓ P _m x h	Grav Fac F	tor	Flowing Temperature Factor F _{rt}	Fa	riation actor F _{pv}	Metered Flov R (Mcfd)		GOR (Cubic Fee Barrel)	et/	Flowing Fluid Gravity G _m
(P _c) ² =			(P _w) ² =	:	(OPEN FL P _d =	• •	'ERABILITY) % (P.	CALCUL - 14.4) +				(P _a)² (P _d)²	= 0.20 =	77
(P _c) ² - (l	P _a) ²	(F	P _c) ² - (P _w) ²	Choose formula 1 or 1 1. Pc - Ps 2. Pc - Pd divided by: Pc - Pd	LOG of formula 1. or 2. and divide		Backpres Slope Ass	sure Curve e = "n" or igned ird Slope	• n x	roe	Ani	tilog	Ope Deliv Equals	en Flow verability R x Antilog Mcfd)
					-		-	<u></u>			_	-		
Open Flo				Mcfd @ 14	65 pela		Deliverabi	litu			Mofd @	14 65 pci		
		•	4 - 4 -		<u>-i</u>			_ -				14.65 psi		
				n behalf of the						he above repo	ort and th	nat he ha		edge of 15
			Witness (if any)	.		-	_		>helle	Company	asi		
			For Comr	nission			_			20 Che	cked by	ral	Щ_	

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request 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
• •	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 Burkholder #1-21
	ounds 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
~	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: _12/17/201	5

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.