KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				((See Instruct	tions on Re	verse Side)				
Open Flow Deliverability 94ky 5kgt				Test Date: 11/29/11				API No. 15 15-077-21605- >>>					
Company American Warrior Inc.					Lease Unruh				· · · · · ·		Well Number 1-22		
County Harper			Loca NE-SV	tion V-NW-SW	Section 22		TWP 32S		RNG (E/W) 7W		Acres Attributed		
Field Crystal Springs					Reservoi Mississi				Gas Gathering Con West Wichita Gas		ection		
Completion Date 2/12/08				Plug Back Total Depth 4608'				Packer :	Set at				
Casing S 51/2	ize		Weig 15.5		Internal Diameter 4.950		Set at 4646'		Perforations 4414'		To 4418 '		
Tubing Size Weight 23/8 4.70				Internal I 1.994	Diameter	Set at 4605'		Perforations		То			
Type Completion (Describe) Gas				Type Fluid Production Formation Water				Pump Unit or Traveling Plunger? Yes / No No					
Producing Thru (Annulus / Tubing) Annulus				% Carbon Dioxide				% Nitrogen		Gas Gravity - G _g			
Vertical E	Depth(F	1)	•	,		Pres	sure Taps				(Meter	Run) (Prover) Size	
Pressure	Buildu	p:	Shut in 11	/29	11 at 9	:30AM	(AM) (PM) Taken_11		1/30 20		11 at 9:45am (AM) (PM)		
Well on L	ine:		Started	2	20 at		(AM) (PM) Taken		20 .		at (AM) (PM)		
						OBSERVE	D SURFAC	E DATA			Ouration of Shut-	in 24 Hours	
Static / Dynamic Property	mamic Size		Circle one: Meter Prover Press psig (Pm)	I	Temperature Temper		Wellhead Pressure $(P_{\underline{z}}) \text{ or } (P_1) \text{ or } (P_c)$		Tubing Wellhead Pressure $(P_w) \propto (P_t) \text{ or } (P_e)$		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In							400	psia	psig	psia			
Flow							80						
				1		FLOW STR	EAM ATTR	IBUTES					
Coefflect (F _b) (F	Plate Coefflecient (F _b) (F _p) Mcfd		Circle one: Meter or over Pressure psia	Press Extension √ P _m x h	Grav Fac F _e	tor T	Flowing emperature Factor F _{ri}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Gravity	
								<u> </u>					
(P _c) ² =		<u>.</u> :	(P _w)² :	=:	(OPEN FL	OW) (DELIVI) CALCUL ² e - 14.4) +		:	(P _a)	2 = 0.207 2 =	
$(P_a)^2 - (P_a)^2$ or $(P_a)^2 - (P_d)^2$		(F	°,)²- (P,,)²	Choose formula 1 or 2 1. P.2 - P.2 2. P.2 - P.2 divided by: P.2 - P.	1. P ² · P ² LOG of formuta 2. P ² · P ² and divide		Slop As	ckpressure Curve Slope = "n" or Assigned Standard Slope		roe	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flor				Mcfd @ 14.	·		Deliverab				Actd @ 14.65 psi		
				on behalf of the said report is true				,	_	ne above repor	t and that he ha	s knowledge of	
			Witness	(if any)			_	J60	ly	Force	mpany	RECEIVED	
			For Come				-	Ja	Ke_	Whale		EC 1 6 2011	
										,	/ KC	C WICHITA	

exempt status under Rule K.A.R. 82-3-304 on behalf of the operator American Warrior Inc. and that the foregoing pressure information and statements contained on this application form are correct to the best of my knowledge and belief based upon available production summaries and least of equipment installation and/or upon type of completion or upon use being made of the gas well herein I hereby request a one-year exemption from open flow testing for the	
(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 I further agree to supply to the best of my ability any and all supporting documents deemed by Cataff as necessary to corroborate this claim for exemption from testing.	
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 I further agree to supply to the best of my ability any and all supporting documents deemed by Cataff as necessary to corroborate this claim for exemption from testing.	
Date: 12/13/11	— Commissio
1 2 3	
Signature:	

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.

DEC 16 2011

KCC WICHITA