KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			•	(See Instruc	tions on Rev	erse Sid	e)					
	en Flow		1 .	Test Date	e:			AP	I No. 15				
De	liverabilty	244,5	hotly	11/12/1	2	u 100 0./		15	-033-21048 -	-00-00			
Company America	/ n Warrio	r Inc.				Lease Christop	her			1	Well N	umber	
County Location Comanche C-SW-SW			Section 29		TWP 33			E/W)	Acres Attributed				
Field Collier Flats			Reservoi Pawnee				Gas Gathering Conn WPS		ection	ction RE			
Completion Date 05/18/00			Plug Back Total Depth 5345'			Packer	Set at		DEC 0 To KCC WICE To S288' To KCC WICE TO S288'				
Casing S 41/2	Casing Size Weight 11/2 10.5			Internal Diameter 4.052		Set at 5481'		Perforations 5232'		To 5288	To 5288' KC		
•		Weight 4.70	internal 1.995		Diameter Set 534			Perforations		То			
Type Con Gas	npletion (E	Describe)			id Production Ition Wate				Init or Traveling Ing unit	Plunger? Yes	/ No		
•	•	nnulus / Tubing)		% (Carbon Dioxi	ide		% Nitro	gen	Gas G	ravity -	G,	
Annulus Vertical D										44-1	D	No. 11 A 61-1	
veriiçai L	/eptil(m)				Fies	sure Taps				(Meter	Hun) (F	Prover) Size	
Pressure	Buildup:	Shut in	22	0_12 at_1	0:00AM	(AM) (PM)	Taken 1	1/13	20	12 _{at} 10:00	AM	(AM) (PM)	
Well on L	ine:	Started	20	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)	
					OBSERVE	D SURFACE	DATA		 	Duration of Shut	-in_24	Hours	
Static / Orifice Dynamic Size Property (inches)		Circle one: Meter Prover Pressure	1	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _c) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In		psig (Pm)	Inches H ₂ 0	-		psig 155	psia	psig	psia		-		
Flow						45		 					
					FLOW STR	EAM ATTRI	BUTES						
Plate Coefficient (F _b) (F _p) Mcfd		Circlo one: Meter or over Pressure psia	Press Extension P _m xh	Grav Fac F	tor 1	Tomporatura		viation actor F _{pv}	Metered Flow R (Mcfd)	(Cubic F	GOR (Cubic Feet/ Barrel)		
		L		(OPEN EL	OW) (DELIV	ERABILITY)	CALCUI	ATIONS					
P _c) ² =	<u>:</u>	(P _w) ² =	:	P _d =			- 14.4) +		:	(P. (P.) ² = 0.2) ² =	207	
(P _c) ² - (F or (P _c) ² - (F	P _d) ² (P _o)²- (P _w)²	oose formula 1 or 2: 1. P _c ² - P _a ² 2. P _c ² - P _d ² ided by: P _c ² - P _c ²	LOG of formula 1. or 2. and divide	P _c ² -P _y ²	Slope Assi	sure Curve e = "n" origned rd Slope		roe	Antilog	De	pen Flow liverability s R x Antilog (Mcfd)	
Open Flo	w	L,	Mcfd @ 14.	65 psia		Deliverabil	litv			Vicid @ 14.65 ps	ia.		
-		d authority, on t			states that h			o make t		·		dedge of	
	-	ein, and that said				•			lovember			20 <u>12 .</u> .	
									Zun -				
1/0	Witn	Witness (if ar	Trued on	·	. /	_				отралу	dle		
p v	וןןעז	For Commissi	ton	i, Tucez	<u> </u>	_			Chuc Check	ked by	01/9		

KCC WICHITA

exemp	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to reques t status under Rule K.A.R. 82-3-304 on behalf of the operator <u>American Warrior Inc.</u>					
	at the foregoing pressure information and statements contained on this application form are true and					
correct	to the best of my knowledge and belief based upon available production summaries and lease records					
	pment installation and/or upon type of completion or upon use being made of the gas well herein named ereby request a one-year exemption from open flow testing for the Christopher #1					
	Il 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 not capable of producing at a daily rate in excess of 250 mcf/D					
	orther agree to supply to the best of my ability any and all supporting documents deemed by Commiss necessary to corroborate this claim for exemption from testing.					
)ate:	11/29/12					
	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.