KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it:				(See Instruct	ions on Rev	erse Side))				,
	en Flo				Test Date	e:				No. 15			
De	eliverab	ilty	45km	t in Tes	9/10/20	14	, ,,,, ,		15-	033-20200 -	0000		
Company America	у	•	-				Lease Merrill R	anch	,		#5	Well Nu	mber
County Location Comanche C-NE			Section 27		TWP RNG (E 33S 16W		RNG (E/	/W) Acres Atti		ttributed			
Field Ham				Reservoir Mississippian			Gas Gat Oneoke	hering Conne	ection				
Completion Date 7/19/76				Plug Back Total Depth 4898'			Packer S	et at					
Casing Size 41/2			Weigh 10.5	t	Internal Diameter 4.052		Set at 4931'		Perforations 4836'		To 4843'		
Tubing S 23/8	Tubing Size 23/8		Weigh 4.70	t	Internal D 1.995		Diameter Set at 4890'		Perforations		То		
Type Completion (Describe) Gas & oil				Type Fluid Production Formation water&oil			Pump Unit or Traveling Plunger? Yes / No Pumping unit						
Producing Thru (Annulus / Tubing) Annulus				% C	% Carbon Dioxide			% Nitrog	_	Gas Gra	Gas Gravity - G _g		
Vertical C		1)		<u> </u>		Press	sure Taps				(Meter F	Run) (Pi	rover) Size
Pressure	Buildu	p:	Shut in 9/10) 2	0 14 at 1	:30PM	(AM) (PM)	Taken 9/	11	20	14 at 2:30PN	Л,	AM) (PM)
Well on L		•									at		
		-	<u> </u>			OBSERVE	D SURFACE	DATA			Duration of Shut-	in_24	Hours
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressu		Flowing Well Head Temperature		Casing Wellhead Pressure (P_w) or (P_l) or (P_c)		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c)		Duration (Hours)		
Shut-In			psig (Pm)	Inches H ₂ 0	· · · · · · · · · · · · · · · · · · ·		120	psta	psig	psia	Received ANSAS CORPORATION COMMISSION		MISSION
Flow							77	_			DEC 15	201	4
						FLOW STR	EAM ATTRII	BUTES			CONSERVATIO	N DIVISI	ON
Plate Coefficeient (F _b) (F _p) Mofd		Pro	Circle ono: Meter or over Pressure psia	Press Extension √ P _m x h	Grav Fac F	tor T	Temperature F		viation Metered Flow actor R F _{PV} (Mcfd)		WICHITA, KS		Flowing Fluid Gravity G _m
		_			(ODEN 5)	0140 40E1 III		211 2111		,			
(P _c) ² =		_:	(P _w) ² =	:	(OPEN FLO		ERABILITY) 6 (P _c		14.4 =	*		= 0.26 =	07
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F	P _c) ² - (P _w) ²	Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	b.s.b.s	Slope 	sure Curve	пхі	.og []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
_					<u> </u>			_					
Open Flow Mcfd @ 14.65 psia						Deliverabil	Deliverability Mcfd @ 14.65 psia						
		_	=	behalf of the			-			•	rt and that he ha		ledge of
		-	Witness (if	any)				·			ompany) GS	2	.
			For Commi	ssion		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				<u>UUVV</u> Chec	ked by	<u>4</u> _	

I declare under penalty of perjury under the laws of the exempt status under Rule K.A.R. 82-3-304 on behalf of the cand that the foregoing pressure information and statement correct to the best of my knowledge and belief based upon of equipment installation and/or upon type of completion or I hereby request a one-year exemption from open flows	operator American Warrior Inc. Its contained on this application form are true and available production summaries and lease records upon use being made of the gas well herein named.
gas well on the grounds that said well:	Received KANSAS CORPORATION COMMISSION
(Check one) is a coalbed methane producer is cycled on plunger lift due to water is a source of natural gas for injection in is on vacuum at the present time; KCC a is not capable of producing at a daily ra I further agree to supply to the best of my ability any as staff as necessary to corroborate this claim for exemption	approval Docket No Ite in excess of 250 mcf/D Ind all supporting documents deemed by Commission
Date: 12/3/2014 Signature: WE	Dulley ase LL 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.