KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				4	See Instru	ctions on Rev	erse Side)				
	en Flo				Test Date) :			API	No. 15			
L Del	iverab	ilty	Hr. Shu	t In Tes	11/18/20	015				077-21663-0	0-00		
Company AMERICAN WARRIOR, INC.							Lease PATTER	Lease PATTERSON				Well Number 1-13	
County Location HARPER N/2 SW SW SE				Section 13			TWP 34S		W)	Acres Attributed			
Field HIBBORD				Reservoir MISSIS	, SIPPIAN		Gas Gathering Co ATLAS		hering Conne	ection	-		
Completion Date 02/01/10				Plug Back	k Total De	pth	Pack		et at		· - / ₁ ,,		
				Internal D	Diameter		Set at 5071		rations 5	т _о 4612			
	Tubing Size Wei					Diameter	Set a	Set at 4917		rations	То		
Type Completion (Describe) OIL				Type Flui	d Production	on			nit or Traveling	Plunger? Yes	/ No		
Producing		(Anr	nulus / Tubing)		arbon Dio				en en	Gas Gravity - G _g		
ANNUL Vertical D		1)				Pressure Taps					(Meter F	tun) (Prover) Size	
	op(.	.,					soure rapo				(Motor 1	10117 (1 101017 0120	
Pressure	Buildu	p:	Shut in 11/	8 2	0_15 at_1	0:00 AM	_ (AM) (PM)	Taken 11	1/19 AM	20	15 at 10:30 A	AM(AM) (PM)	
Well on Li	ine:	;	Started	20	0 at		_ (AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERV	ED SURFACE	DATA			Duration of Shut-i	nHours	
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperatur t	wellhead Pressure (P _w) or (P _t) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration Rec. KANSASIGDRPOR/	Liquid Produced PIVEO(Barrels) TION COMMISSION	
Shut-In			psig (Fili)	inches H ₂ O			280	psia	psig	psia	DEC 2	8 2015	
Flow							60				CONSERVATIO WICHITA		
				<u>.</u>		FLOW ST	REAM ATTRI	BUTES			1	, KS	
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Extension Fa		vity tor	Flowing Temperature Factor F ₁₁	emperature Fa		Metered Flov R (Mcfd)	GOR (Cubic Fee Barrel)	Flowing Fluid Gravity G _m	
					(OPEN FL	OW) (DELI	VERABILITY)	CALCUL	ATIONS		(P _a) ²	= 0.207	
(P _c) ² =		<u> </u>	(P _w) ² =		P _d =		_% <u>(</u> P	_c - 14.4) +	14.4 =	 :	(P _d) ²	=	
$(P_c)^2 - (P_s)^2$ or $(P_c)^2 - (P_d)^2$		(F	P _c) ² - (P _w) ²	1. P _c ² - P _a ² 2. P _c ² - P _d ²	LOG of formula 1, or 2. and divios	P.2-P.2	Šlop	Backpressure Curve Slope ⊭ "n" or Assigned		roe	Antilog	Open Flow Deliverability Equals R x Antilog	
				divided by: Pc2 - Pw	by:		Standa	ard Slope				(Mcfd)	
		,	-				 						
Open Flo	w	Mcfd @ 14.65 psia					Deliverability			Mcfd @ 14.65 psia			
The	unders	igne	d authority, or	behalf of the	Company,	states that	he is duly au	thorized t	o make ti	ne above repo	rt and that he ha	s knowledge of	
the facts s	tated	here	in, and that sa	id report is tru	and correc	t. Execute	ed this the 03	3	day of _	ECEMBER		, 20 <u>15</u>	
			Witness (i	anv)			_			Shell	us Case		
			For Comm				_			Dave	Wilcox		
			ror comm	IDIO						- Che	скеа ву		

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to reques status under Rule K.A.R. 82-3-304 on behalf of the operator <u>AMERICAN WARRIOR</u> , INC.										
	t the foregoing pressure information and statements contained on this application form are true and										
orrect	to the best of my knowledge and belief based upon available production summaries and lease records										
of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.											
l he	reby request a one-year exemption from open flow testing for the PATTERSON 1-13										
as we	I 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 on vacuum at the pæsent time; KCC approval Docket No										
is not capable of producing at a daily rate in excess of 250 mcf/D											
I fu	rther 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.										
Date:	12/03/2015										
_											
	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.