KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:			(See Instruc	tions on Rev	erse Side)				
Op.	en Flow			Test Date	·			۸DI	l No. 15			
Del	liverabilty	Alle Clau	+1475c+	- 9/16/20					-189-21035 -	1000		
Company American Warrior Inc.						Lease Marcellu	Lease Marcellus			#1-3	Well Number #1-3	
County Location Stevens S/2-NE-SE			Section 36		TWP 32S	` '		/W)	Acres Attributed			
Field Shuck Northwest				Reservoi Morrow	•			Gas Ga	thering Conne	ection		
Completion Date 5/9/87				Plug Bac 6120'	k Total Dep	th						
Casing Si 51/2	Casing Size Weight 51/2 14#			Internal I 5.012	Diameter		Set at 6370'		orations 16'	To 6006'		
Tubing Si 27/8	Tubing Size Weight 27/8 6.20			Internal [2.441	Diameter		Set at Pe 6100'		erforations To			
Type Completion (Describe) oil&gas					d Productio tion wate			Pump Unit or Traveling PI No		Plunger? Yes	lunger? Yes / No	
Producing Thru (Annulus / Tubing) tubing				% C	Carbon Diox	ide	% Nitrogen			Gas Gravity - G		
Vertical D	epth(H)				Pres	sure Taps				(Meter l	Run) (Prover) Size	
Pressure	Buildup:	Shut in 9/1	16	20 15 at 1	0:00AM	(AM) (PM)	Taken 9/	17	20	15 _{at} 10:00	AM (AM) (PM)	
Well on Li	ine:	Started		20 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
					OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24 Hours	
Static / Dynamic Property	Orifice Size (inches) Orifice Meter Differential in inches		Flowing Temperature t	Temperature Temperature		(P _w) or (P ₁) or (P _c)		Tubing ead Pressure or (P ₁) or (P _c)	Duration KA (Hours)	MSABIQUI PRODUTORO DE COMMIS		
Shut-In		psig (Pm)	Inches H ₂ 0			psig 44	psia	psig	psia		10CC / 8 204c	
Flow						20					ONSERVATION DIVISION WICHITA, KS	
					FLOW ST	REAM ATTRI	BUTES					
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m x h	Grav Fac F	or Temperature		Deviation Factor F _{pv}		Mellered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)	1 Gravity I	
(P _c) ² =	:	(P _w) ² :	=:	(OPEN FL		/ERABILITY) % (P,	CALCUL + (14.4 -		:	(P _a) (P _d)	² = 0.207 ² =	
(P _c) ² - (F	D _a) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 1. P _c ² - P _a ² 2. P _c ² - P _d ²	thoose formula 1 or 2: 1. P _c ² - P _a ² LOG of formula		Backpressure Curve Slope = "n"		n x 10G		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
					-							
Onen Els	.,		Maria @ 4.4	SE pois		Delharati	lites a			Maid @ 44 ac : 1		
Open Flov			Mcfd @ 14	·		Deliverabi	•			Mcfd @ 14.65 psi		
	_		on behalf of the aid report is tru	- •		•			he above repo	rt and that he ha	s knowledge of, 20 <u></u> .	
		Witness	(If any)			_		5	helle	Case		
		MAITH 622	(v) carry /						Kuli	TALLES		
		For Com	mission			_			Chec	ked by	_	

and that the foreg correct to the best of equipment insta	er Rule K.A.R. 82-3-304 on behalf of the operator American Warrior Inc. Ding pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records liation and/or upon type of completion or upon use being made of the gas well herein named. St a one-year exemption from open flow testing for the Marcellus #1-3
	ounds that said well:
•	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 to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: 11/13/2015	
	Signature: 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.