KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruc	tions on Rev	rerse Side	9)				
	en Flo				Test Date) <u>.</u>			API	No. 15			
Del	liverab	illy 24-1	tr.Shut	uTest	11/5/20					033-20450 -	0000		
Company American				 -	Lease Kerstetter				-			Well Number #.1-33	
County Location Comanche C-NW-NE				Section 33		TWP 32S			RNG (E/W) 19W		Acres Attributed		
Field Birdeast			-		Reservoir Pawnee				Gas Gar WPS	thering Conne	ection	 -	CEIVED
Completic 09/12/81		6	·		Plug Back 6132'	k Total Dep	th		Packer 5	Set at	<u> </u>		C 28 32
Casing Si 51/2	ize	Weight 17		10-	Internal E 4.892	Diameter		Set at 6164'		Perforations 4972'		, ጎረ 984'	CEILO 15
Tubing Si.	ze		Weight		Internal E	Diameter	Set a	ıt		rations	To)	
Type Com Gas	nptetio	n (De			Type Flui	d Productio	ın	<u>-</u>		nit or Traveling ing unit	Plunger?	Yes / No	
Producing		(Anr	nulus / Tubing)			arbon Diox			% Nitrog		G	as Gravity	- G _o
Annulus Vertical D		1)				Pres	sure Taps				(N	leter Run) (Prover) Size
			445		4	4.45434					45 44	45414	
Pressure	Buildu	•		2						20			(AM) (PM)
Well on Li	ine: 		Started	2	0 at		. (AM) (PM) 	Taken		20	at		_ (AM) (PM)
r——				 -		OBSERVE	D SURFAC				Duration of	Shut-in 2	4 Hours
Static / Dynamic Property	Orifi Siz (inch	0	Circle one: Meter Prover Pressur psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature	Well Head Temperature t	(P _m) or (P	Pressure	Wellhe	Tubing ead Pressure or (P ₁) or (P ₂)	Duration (Hours)		uid Produced (Barrels)
Shut-In			pro (,				psig 50	psia_	psig	psia			
Flow							35						
						FLOW ST	REAM ATTR	IBUTES	_				
Plate Coeffiec (F _b) (F Mcfd	ient p)	Pro	Circle one: Meter or over Pressure psia	Press Extension	Grav Fac F	tor	Flowing Temperature Factor F _{II}	Fa	riation actor F _{pv}	Metered Flov R (Mcfd)	(Cı	GOR :bic Feet/ Barrel)	Flowing Fluid Gravity G _m
]												
			_		·	- •	VERABILITY	•				$(P_a)^2 = 0$.207
(P _c) ² = : (P _w) ² = : Choose formula 1 or 2:					$P_d = \underline{\qquad} \qquad (P_c - \underline{\qquad})$.4) + 14.4 =;			(P _d) ² =		
(P _c) ² - (I or (P _c) ² - (I		(F	P _c) ² - (P _w) ²	1. P _c ² -P _a ² 2. P _c ² -P _d ² ivided by: P _c ² -P _g	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Slo	ssure Curve pe = "n" - or signed ard Slope		LOG	Antilog	, [Open Flow Jeliverability als R x Antilog (Mcfd)
Open Flo	w		 -	Mcfd @ 14	65 psia		Deliverat	oility			Mcfd @ 14.	65 psia	
										he above repo	ort and that		owledge of
nie iacts s	iated 1	u lerê	in, and that sa	ia report is tru	e and correc	a, Execute	u inis inė <u>"</u>		day of _	(, , , ,	/	1.6.5	, 20 10 .
			Witness (If	any)	<u> </u>				7	SVENIE	Compan	<u>u > l</u>	
		_	For Commi	ssion			•			reger (cked by	M	

	re under penalty of perjury under the laws of the state of Kansas that I am authorized to request tus under Rule K.A.R. 82-3-304 on behalf of the operator American Warrior Inc.
and that th	e foregoing pressure information and statements contained on this application form are true and ne best of my knowledge and belief based upon available production summaries and lease records
of equipme	nt installation and/or upon type of completion or upon use being made of the gas well herein named. y request a one-year exemption from open flow testing for the Kerstetter # I-33
	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 present time; KCC approval Docket No
	is not capable of producing at a daily rate in excess of 250 mcf/D
I furth	er agree to supply to the best of my ability any and all supporting documents deemed by Commissic
staff as ne	cessary to corroborate this claim for exemption from testing.
Date: <u>12/</u>	/2015
	Q_{Λ} Q
	Signature: Shully asl

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.