KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(-	See Instruc	tions on Re	verse Sid	e)				
Op	en Flov	,			Test Date	·-			ΔΡΙ	No. 15			
De	liverabi	ملكا	Shut	InTest	12/10/20					033-21298 🕶	0000		
Company America		ior I	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	170.4921			Lease Murdoc	k			#3	Well Number	
County Comanche			Location C-NE-NW-SW		Section 3		TWP 35S			W)	Acres Attributed		
Field Aetna gas Area		-		Reservoir Mississippian					hering Conne	To 5318			
Completion 02/27/02)			Plug Back 5466'	k Total Dep	oth		Packer S	Set at	L	EC 20-	ر بداد
Casing S 51/2	ize		Weight 15.4		Internal D 4.950	Diameter	Set : 550		Perfo 526	rations 2'	то 5318		15
Tubing Si 23/8	ize		Weight 4.70		Internal D 1.995	Diameter	Set 6 546		Perfo	rations	То	VED	15
Type Con	npletion	(De		· -		d Production			Pump U	nit or Traveling	Plunger? Yes	/ No	
Gas & c		<u> </u>				tion wate				ing unit			
		(Ann	ulus / Tubing)		% C	arbon Diox	ide		% Nitrog	jen	Gas Gra	avity - G _g	
Annulus Vertical D)				Pre	ssure Taps				(Meter F	Run) (Prover) S	Size
		,									(, (
Pressure	Buildup): S	Shut in9/10		0 15 at 6	:030PM	_ (AM) (PM)	Taken_9	/11	20	15 at 7:30PM	√I (AM) (P!	—— М)
Well on L	ine:										at		
						OBSERV	ED SURFAC	E DATA			Duration of Shut-	in 24	lours
Static /	Orific	1	Circle one: Meter	Pressure Differential	Flowing Temperature	Well Head Temperature	Wellhead	sing Pressure		Tubing ead Pressure	Duration	Liquid Produc	ed
Property	(inche	Prover Pressi		e in Inches H ₂ 0	t	t	(P _w) or (P ₁) or (P		(P _w) or (P _t) or (P _c)		(Hours)	(Barrels)	
Shut-In				2			105	psia	psig	psia			
Flow							45						
						FLOW ST	REAM ATT	BUTES					
Plate Coeffiec (F _b) (F Mcfd	ient ,)	Prov	Circle one: Meter or ver Pressure psia	Press Extension ✓ P _m x h	Grav Fac F	tor	Flowing Temperature Factor F ₁₁		viation actor F _{pv}	Metered Flov R (Mcfd)	GOR (Cubic Fe Barrel)	l Grav	id
(D \2 _			(D \2		•	, ,	VERABILITY	•				² = 0.207	
(P _c) ² =			(P _w) ² =	hoose formula 1 or 2.	P _d =			P _c - 14.4) essure Curv			(P _d)		
(P _e) ² - (l	P _a) ²	(P	_c) ² - (P _w) ²	1. P _c ² -P _a ²	LOG of formula 1. or 2.		Ślo	pe = "n" - or	1	LOG	Antilog	Open Flow Deliverability	ty
(P _c) ² - (P _d) ²		di	2. $P_c^2 - P_d^2$ ivided by: $P_c^2 - P_w^2$	and divide	P _c ² -P _w ²		ssigned dard Slope		_ []		Equals R x An (Mcfd)	itilog
Open Flo	w			Mcfd @ 14.	65 psia		Delivera	bility		,	Mcfd @ 14.65 ps	ia <u> </u>	
		_	authority, on				•		_	he above repo	ort and that he ha	as knowledge o	
			Witness (if	any)						For	Company	U	
			For Commis	ssion					-	Che	cked by		

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator American Warrior Inc.							
	t the foregoing pressure information and statements contained on this application form are true and							
	to the best of my knowledge and belief based upon available production summaries and lease records							
of equip	ment installation and/or upon type of completion or upon use being made of the gas well herein named. reby request a one-year exemption from open flow testing for the Murdock #3							
	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 present time; KCC approval Docket No							
	is not capable of producing at a daily rate in excess of 250 mcf/D							
l fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commissi							
staff as	necessary to corroborate this claim for exemption from testing.							
Date: _	2/17/2015							
	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.