KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:					(See Instruc	tions on Re	verse Side	∌)				
	en Flo liverab		altr.Sh	1	' I. -⊥	Test Date	e: 15				No. 15	9.040-00	100	
Company America	,			W	th les	10/1/20	15	Lease Koerne	r		77	#1	Well Number	
County Harper			Locat C-NE-			Section 7		TWP 32S		RNG (E/ 9W	W)		Acres Attributed	
Field Sharon					Reservoir Mississi				Gas Gathering Connection		ection			
Completic 12/13/57		е				Plug Bac 4350'	k Total Dep	th	Packer Set at NA		Set at	, ,		
Casing Si 51/2,	ize		Weig 14#	ht		Internal D 5.012	Diameter	Set at 4352 '		Perforations 4340'		та 4346	Ta 4346'	
Tubing Si 23/8	Tubing Size Weight 23/8 4.70				Internal D 1.995	Diameter		Set at 4346'		Perforations				
Type Completion (Describe) Gas & oil					Type Fluid Production Formation water&oil			Pump Unit or Traveling Plunger? Pumping unit			s / No			
Producing Annulus	•	(Anr	nulus / Tubir	ıg)		% C	Carbon Diox	ide		% Nitrog	en	Gas G	Gravity - G _g	
Vertical D		1)					Pres	ssure Taps				(Meter	Run) (Prover) Size	
Pressure	Buildu	p: :	Shut in 10	/1	2	0 15 at 1	2:15 PM	(AM) (PM)	Taken_1	0/2	20	15 _{at} 12-15	PM (AM) (PM)	
Well on Li	ine:				2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
		-				1	OBSERVE	ED SURFAC			1	Duration of Shu	t-in_24 Hours	
Static / Dynamic Property	Orifi Siz (inch	е	Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t t		Casing Welihead Pressure (P _w) or (P ₁) or (P ₀) psig psia		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration Liquid Produced (Hours) (Barrels) Received		
Shut-In								50			75.2		S CORPORATION COMMISSIO	
Flow								30				CONS	2075	
	1						FLOW ST	REAM ATTE	RIBUTES				WICHITA, KS	
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia			Press Extension √ P _m x h	Grav Fac F _s	Tomporoturo		Fa	Deviation Meter Factor F _{pv} (M		l l	Flowing Fluid Gravity	
						(ODEN EL	040 (DEL 1)	/EDADU ITY	0.04.00	ATIONE				
(P _c) ² =		_:	(P _w) ² :		:	P _d =		/ERABILITY % (P _a - 14.4) +		:		$a_{\rm a}^2 = 0.207$ $a_{\rm d}^2 = \phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	
(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²		(P _c) ² - (P _w) ²			1. P _c ² -P _s ² 2. P _c ² -P _d ² ded by: P _c ² -P _w ² LOG formul 1. or 2 and div by:		P _c ² -P _w ²	Backpressure Curve Slope = "n" or		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog ((Mcfd)	
 						-								
Open Flor	w				Mcfd @ 14.	65 psia		Deliveral	bility			Mcfd @ 14.65 p	sia	
The (unders	igned	d authority, o	on b	ehalf of the	Company s	states that h	ne is duly a	uthorized	to make th	ne above repor	rt and that he h	nas knowledge of	
the facts s	tated t	herei	n, and that s	aid	report is true	and correc	t. Executed	this the 1	2	day of N	OVEMBER	Paca	, ₂₀ <u>15</u> .	
			Witness	(if an	y)					اد .	سسر گاتام آ			
			For Com	missio	on					•	Check	ked by	4	

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
	der Rule K.A.R. 82-3-304 on behalf of the operator American Warrior Inc.
	going pressure information and statements contained on this application form are true and
	t of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named.
• •	est a one-year exemption from open flow testing for the Koerner #1
	ounds that said well:
jas weil on the gr	ounds 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 further agre	e to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessar	y to corroborate this claim for exemption from testing.
	j
Date: 11/12/2015	
Oate: <u>11/12/2015</u>	

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.