KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it:				((See Instruc	tions on Rev	erse Sido	e)				
	pen Flo eliverat		24hr 51	hutin	Test Date 11/22/1				AP 15	I No. 15 - 189-21035 -	٥٥- ٥٥	0	
Company	у	_					Lease Marcellu	s			#	W #1-3	ell Number
County Stevens)		Location S/2-NE-		Section 36		TWP 32S		RNG (E 35W	Z/W)		Ac	cres Attributed
Field Shuck N	lorthw	est/			Reservoi Morrow				Gas Ga	thering Conne	ection		RE
Completion 5/9/87	on Da	te			Plug Bac 6120'	k Total Dept	th		Packer	Set at			KCC WIL
Casing S 51/2	Size		Weight	t	Internal (5.012	Diameter	Set at 6370		Perfo 58 6	orations i6'		o 6006'	KCC WI
Tubing S 27/8	lize		Weight 6.20	t	Internal I 2.441	Diameter	Set at 6100		Perfo	orations	1	ō	
Type Cor oil&gas		n (De	escribe)			d Production tion water			Pump U No	nit or Traveling	Plunger?	Yes /	No
Producing tubing	g Thru	(Anr	nulus / Tubing)	% C	arbon Dioxi	de		% Nitro	gen	C	as Grav	ity - G _g
Vertical E	Depth(I	1)	N			Pres	sure Taps				(1	Meter Ru	ın) (Prover) Size
Pressure	Buildu	ıp: ;	Shut in 11/2	22 2	0_12 at_1	0:00AM	(AM) (PM)	Taken_1	1/23	20	12 at 1	0:30AN	// (AM) (PM)
Well on L	_ine:	;	Started	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)
						OBSERVE	D SURFACE	DATA			Duration o	f Shut-in	24 Hours
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressui psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig psia		Duration (Hours)		Liquid Produced (Barrels)
Shut-In							200						
Flow							70						
					F	FLOW STR	EAM ATTRI	BUTES		<u></u>			
Plate Coeffiec (F _p) (F Mcfd	ient ,)		Circle one: Meter or ver Pressure psia	Press Extension ✓ P _m x h	Grav Fac F	tor T	Flowing Temperature Factor F ₁₁	Fa	lation ctor - pv	Metered Flow R (Mcfd)	(C	GOR ubic Feet/ Barrel)	Flowing Fluid Gravity G _m
					(OPEN EL (OW) (DELIV	ERABILITY)	CAL CUI	ATIONS			· · · · · · · · · · · · · · · · · · ·	
(P _c) ² =		_:	(P _w) ² =_	:	P _d =		•	- 14.4) +		<u></u> :		$(P_{_{0}})^{2} = (P_{_{d}})^{2} =$. 0.207
(P _o) ² - (I or (P _o) ² - (F	•	(P)² - (P _w)²	Thoose formula 1 or 2. 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ Iividad by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P.2 - P.2	Slope 	sure Curve = "n" or gned rd Slope	nx	roe	Antilog) [Open Flow Deliverability Equals R x Antilog (Mcfd)
						*							
Open Flor	w	<u></u>		Mcfd @ 14.	65 psia		Deliverabil	ity			/lcfd @ 14.	65 psia	
				behalf of the			_			ne above repor december	and that	he has	knowledge of
No	WIT	inc	Witness Lif S Romanis	w w.	- Fuez		_	Ky.	le	Hay	ed by		

DEC 1 0 2012

	KCC WICHITA
	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.
and that the fore	going pressure information and statements contained on this application form are true and
correct to the bes	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 Marcellus #1-3
	rounds 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
4.4 17	e to supply to the best of my ability any and all supporting documents deemed by Commissio
I further sare	e to supply to the best of my ability any and an supporting documents deemed by Commissio
•	y to corroborate this claim for exemption from testing
•	y to corroborate this claim for exemption from testing.
staff as necessar	y to corroborate this claim for exemption from testing.
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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.