## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(	See Instruct	ions on Rev	erse Side	)				
	oen Fle elivera		Hr.Sku	tlnTes	Test Date	e: 4				No. 15 077-21573-	-0000		
Company America	У			<i>7</i> 0 110 10 10 10 10 10 10 10 10 10 10 10 1			Lease Marvel			The state of the s	2	Well Nu	mber
County Harper	,		Locati SW-SV		Section 1		TWP 31S		RNG (E.	<b>W</b> )		Acres A	ttributed
Field Moyer					Reservoii Mississi					hering Conn Vichita Gas	ection		"
Completi 9/10/07	on Da	ıte			Plug Bac 4952'	k Total Dept	h	-	Packer \$	Set at			
Casing S	Size		Weight 23		Internal ( 6.366	Diameter	Set at 4970		Perforations 4403		то 4410		
Tubing S 23/8	lize		Weigh 4.7	Internal E 1.995	Diameter	Set at 4488		Perío	rations	То			
Type Cor Gas	mpletio	on (D	escribe)	• "		d Production tion water				nit or Traveling ing unit	Plunger? Yes	/ No	
Producing	_	J (An	nulus / Tubin	9)	% C	Carbon Dioxi	de		% Nitrog	en	Gas Gr	avity - G	ìg
Vertical E		H)				Press	sure Taps			•	(Meter F	Run) (Pr	over) Size
Pressure	Build	up:	Shut in 11/	03 2	0 14 at 1	0:00AM	(AM) (PM)	11 Taken	/04	20	14 <sub>at</sub> 10:15A	M (	AM) (PM)
Well on L	_ine:	•	Started	2	0 at		(AM) (PM)	Taken	·	20	at	(	AM) (PM)
						OBSERVE	D SURFACE	DATA			Duration of Shut-	24	Hour
Static / Dynamic Property	Si	fice ze hes)	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature I	Casir Wellhead F (P <sub>w</sub> ) or (P <sub>t</sub> )	ressure	Wellhe	Tubing ad Pressure r (P <sub>1</sub> ) or (P <sub>c</sub> ) psia	Duration Liquid Prod (Hours) (Barrels		
Shut-In			, , ,			ļ <u></u>	30	раа	paig	psia	Rece KANSAS CORPORA		MMISSION
Flow							20				DEC: 1	b 2ú	14
						FLOW STR	EAM ATTRII	BUTES			CONSERVATION	MULLIAC	<u> </u>
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension √ P <sub>m</sub> x h	Grav Faci F <sub>c</sub>	tor T	Tomporaturo		viation Metered Flov factor R F <sub>pv</sub> (Mcfd)		WICHITA, KS GORTA, KS (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>
(P <sub>e</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FLO		ERABILITY) % (P <sub>a</sub>	- 14.4) +		:	· a	<sup>2</sup> = 0.20	07
(P <sub>c</sub> ) <sup>2</sup> -( or (P <sub>c</sub> ) <sup>2</sup> -(l	_	(F	2°)5- (b <sup>*</sup> )5	Choose formula 1 or 2.  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> -P <sub>s</sub> <sup>2</sup>	Slope 	sure Curve e = "n" or gned rd Slope	l n v	LOG	Antilog	Deli Equals	en Flow verability R x Anlilog Mcfd)
		-							_			<del></del> -	
Open Flo				Mcfd @ 14.	65 nsia		Deliverabil	itv			Mcfd @ 14.65 psi		<del></del>
<u> </u>		siane	authority. o			states that h			make th	ne above repo	ort and that he ha		edae of
		•	•	ald report is true					_	ECEMBER	7		20 14
			Witness (i	f any)		·······	_		>hy	llu (	ASL Sompany		
-			For Comm	ission		<u></u>				Jak F		4	

correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.  I hereby request a one-year exemption from open flow testing for the Marvel #2  gas well on the grounds that said well:    Received   KANSAS CORPORATION COMMISSION	exempt status under Rule K.A.R. 82-3-304	er the laws of the state of Kansas that I am authorized to request on behalf of the operator American Warrior Inc. on and statements contained on this application form are true and
I hereby request a one-year exemption from open flow testing for the	correct to the best of my knowledge and be	lief based upon available production summaries and lease records
Received (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 agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.		
Received KANSAS CORPORATION COMMISSION  (Check one)  is a coalbed methane producer  is cycled on plunger lift due to water  CONSERVATION DIVISION WICHITA, KS  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 agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.		from open flow testing for the Marvel #2
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	staff as necessary to corroborate this clair	n for exemption from testing.

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.