KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

remician Warridor Inc. Hume	Type Test:			(See Instruc	tions on Re	verse Side	∌)			
mercary Warrior Inc. Lease Hume Hu	Open Flow			Test Date	9 :			API	No. 15		
merican Warrior Inc. Hume #4-23 March Coation C	Deliverabilt	ty		11/8/12				15-1	87-21017~	00.00	
antion C-SE-NW-SE 23 30S 43W and default states West Morrow Gas Gathering Connection Duke RECEPT Page 30 A State Connection Duke Plag Back Total Depth Packer Set at na DEC 0.7 21 15.5 4.960 5515 5516 KCC WICH States A 1.960 5516 5516 5264 5316 KCC WICH States A 1.960 5516 5516 5264 5316 KCC WICH States A 1.960 5516 5516 5264 5316 KCC WICH States A 1.960 5516 5516 5264 5316 KCC WICH States A 1.960 5516 5516 5264 5316 KCC WICH States A 1.960 5516 5516 5264 5316 KCC WICH States A 1.960 5516 5516 5264 5316 KCC WICH States A 1.960 5516 5516 5264 5316 KCC WICH States A 1.960 5516 5516 5264 5316 KCC WICH States A 1.960 5516 5516 5264 5316 KCC WICH States A 1.960 5516 5516 5264 5316 KCC WICH States A 1.960 5516 5516 5264 5316 KCC WICH States A 1.960 5516 5516 KCC WICH States A 1.960 5516 KCC WICH	Company American Warri	ior Inc.									
meterior Date Programme Starte Morrow Meter or Prossure Programme Started Description Started Description Promotion water Power Prossure Properly (nches) Prossure Prover Prossure Properly (nches) Prossure Prossure Properly (nches) Prossure Prossure Prossure Prossure Properly (nches) Prossure Prossure Prossure Properly (nches) Prossure Prossure Prossure Prover Prossu							-		E/W) Acres Attributed		Acres Attributed
Type Fluid Production Formation water Pumping unit Traveling Plunger? Yes / No Pumping unit Production Formation water Pumping unit Pum	ield Sparks West				r <u>-</u>				ering Conne	ection	RECEI
Type Fluid Production Formation water Pumping unit Traveling Plunger? Yes / No Pumping unit Production Formation water Pumping unit Pum	Completion Date 09/29/03	·		•	k Total Dep	oth			et at		DECUA
Type Fluid Production Formation water Pumping unit Traveling Plunger? Yes / No Pumping unit Production Formation water Pumping unit Pum	Casing Size										KCCI
Type Fluid Production Formation water Pumping unit Traveling Plunger? Yes / No Pumping unit Production Formation water Pumping unit Pum	•							Perforations		MC/	
## Pressure Taps (Meter Run) (Prover) Size	Type Completion	(Describe)						Pump Unit or Traveling Plunger? Yes / No			
Pressure Buildup: Shut in 11/8 20 12 at 9:30AM (AM) (PM) Taken 11/9 20 12 at 9:30AM (AM) (PM) all on Line: Started 20 at (AM) (PM) Taken 20 at (AM) (PM) T	Producing Thru (Annulus / Tubir	ng)	% C	arbon Diox	ide	7-7-11	% Nitroge	n	Gas Gr	ravity - G _g
Sessure Buildup: Shut in 11/8 20 12 at 9:30AM (AM) (PM) Taken 11/9 20 12 at 9:30AM (AM) (PM)	Annulus	±									
Started 20 at (AM) (PM) Taken 20 at (AM) (PM) (PM) (PM) (PM) (PM) (PM) (PM) (P	/ertical Depth(H)				Pres	ssure Taps				(Meter	Run) (Prover) Size
Duration of Shut-in 24 Hours and Casing Wellhead Pressure (Inches) Prover Pressure psig (Pm) Inches H ₀ 0 To	Pressure Buildup	: Shut in 11	/8	12 at 9	:30AM	(AM) (PM)	Taken_1	1/9	20	12 _{at} 9:30A	M(AM) (PM)
Continue of the property of the part of the continue of the part of the continue of the part of the continue of the part of	Well on Line:	Started	2	20 at		(AM) (PM)	Taken		20	at	(AM) (PM)
Continue of the property of the part of the continue of the part of the continue of the part of the continue of the part of					ODCEDM	TD CUDEAG	C DATA			- · · · · · · · · · · · · · · · · · · ·	24
Companies Comp		Circle one: Pressure							1	Duration of Shut-	-in Hours
posity (inches) psig (Pm) Inches H ₂ 0 t		Size Meter Differential 1		Temperature	Temperature Temperature		(P _w) or (P _t) or (P _c)		Wellhead Pressure		3 '
FLOW STREAM ATTRIBUTES Plate Coefficient (P _p) (P	Property (inches			t							(,
FLOW STREAM ATTRIBUTES Plate Defiliceient (F ₃) (F _p) (Shut-In					70					
Plate Coefficient (F ₀)(F _p) Meter or (F _p)(F _p) Pisia Pressure psia Piace Prover Pressure Psia Piace Psia Piace Psia Piace Psia Psia Piace Psia Psia Psia Psia Psia Psia Psia Psia	Flow					55					
Coefficient (F ₀)(F ₀) Prover Pressure psia P _m xh F _{actor F₀} F _{actor F₁} F _{actor F₁} P _m xh P _m x	I			<u> </u>	FLOW ST	REAM ATTE	IBUTES	··· · · · · · · · · · · · · · · · · ·			
Company Factor				l l	- 1	-					Eluid
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS (P _y) ² = (P _w) ² = (P _e) ² = (P	(F _b) (F _p) Prover Pressure				Factor		Factor F				Gravity
Pen Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia Deliverability The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of facts stated therein, and that said report is true and correct. Executed this the	Mcfd	psia	-	'		F _{ft}		-			- G _m
Pen Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia Deliverability The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of facts stated therein, and that said report is true and correct. Executed this the									 		
Choose formula 1 or 2: 1. P _c ² - P _a ² 1. P _c ² - P _a ² 2. P _c ² - P _a ² divided by: P _c ² - P _a ² Mcfd @ 14.65 psia Deliverability Men Flow Deliverability Fer P _a - P _a Antilog Antilog Men Flow Deliverability Fer P _a - P _a Antilog Men Flow Deliverability Men Flow Stope = "n" Assigned Standard Slope Noted @ 14.65 psia Deliverability Men Wefd @ 14.65 psia The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of facts stated therein, and that said report is true and correct. Executed this the 29 day of November November Antilog November November 20 12				(OPEN FL	OW) (DELIV	/ERABILITY) CALCUL	ATIONS			
P _c) ² - (P _w) ² (P _c) ² - (P _w) ² (P _c) ² (P _c) ² (P _w) ² (P _c) ² (P	P _c) ² =	: (P _w) ² :				% (I	P _c - 14.4) +	14.4 =	:	(P _d)) ² =
P _c) ² -(P _d) ² 2. P _c ² -P _d and divide by: P _c ² -P _w ² Assigned Standard Slope Equals R x Antillog (Mcfd) Equals R x Antillog (Mcfd) Equals R x Antillog (Mcfd) For P _c P _d and divide by: P _c ² -P _w by: Equals R x Antillog (Mcfd) Equals R x Antillog (Mcfd) For P _c P _d and divide by: P _c ² -P _w and divide by: P	(P _c) ² - (P _e) ²	(P _c) ² - (P _w) ²		LOG of				ļ	<u>_</u> []]		-
divided by: P _c ² -P _w ² by: Standard Slope (Medd) en Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of facts stated therein, and that said report is true and correct. Executed this the 29 day of November , 20 12	or (P) ² -(P) ²	2. P _c ² -P _d ²		1. or 2.	1. or 2.				06	Antilog	
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of facts stated therein, and that said report is true and correct. Executed this the 29 day of November 20 12			divided by: Pc2 - P			Stand	tard Slope				(Mcfd)
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of facts stated therein, and that said report is true and correct. Executed this the 29 day of November 20 12											
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of facts stated therein, and that said report is true and correct. Executed this the 29 day of November 20 12											
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of facts stated therein, and that said report is true and correct. Executed this the 29 day of November , 20 12	Open Flow		Mcfd @ 14	.65 psia	psia Deliverability					Mcfd @ 14.65 ps	ia
facts stated therein, and that said report is true and correct. Executed this the 29 day of November , 20 12	The undereign	ned authority			etatee that	ha je dulu si	uthorized +	n make th	ahova rano	rt and that he he	as knowledge of
	·	-		, -		•				is and the He	
	ie tacts stated the	erein, and that s	said report is tru	e and correc	t. Executed	2 11/10 11/10					, 20 _ 12
Toc Smith							Toc	50	nith		
Adjust Witness Riffany) No Witness Rocky Crawa	a.d.	Witness	(if any)	41. 14	, T		P	11	For C	отралу	

DEC 0 7 2012

	KCC WICHITA
	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler Rule K.A.R. 82-3-304 on behalf of the operator American Warrior Inc.
	poing 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
of equipment insta	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 Hume #4-23
jas well 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
لـــــا	
J	e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
Date: 11/29/12	
	Signature: Title: Foreman

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.