RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Deliverability ompany merican Warrior Inc.	-In Test	Test Date:				API	No. 15		
ompany		10/15/13				15-0	007-22955 - (
The state of the s			- '	_{Lease} Alexand	er			#3-11	Well Number
ounty Loca arber C-SW	tion -NW-SE	Section 11		TWP .		RNG (E/W) 15W		Acres Attributed	
eld eerhead North		Reservoir Lansing/KC				Gas Gathering Conn Oneoke		ection	
ompletion Date /5/05		Plug Back Total 5010'	Depth			Packer S	Set at		
asing Size Weig	Size Weight 10.5		er	Set at 5035'		Perforations 4578'		то 4582'	
ubing Size Weig 4.70	e Weight		er .	Set at 5007'		Perforations		То	
ype Completion (Describe)		1.995 Type Fluid Prod Formation v					nit or Traveling F	Plunger? Yes	/ No
roducing Thru (Annulus / Tubir	ng) [*]	% Carbon			•	% Nitrog		Gas Gra	avity - G _g
nnulus ertical Depth(H)		<u> </u>	Pressur	e Taps				(Meter F	Run) (Prover) Size
ressure Buildup: Shut in 10	/15	0_13 at 9:00AM	И (А	M) (PM)	Taken 10)/16		13 _{at} 9:00AM	/ (AM) (PM)
•) at							• • • • • • • • • • • • • • • • • • • •
		OBS	ERVED S	SURFACE	DATA			ouration of Shut-	n 24 Hours
tic / Orifice		Flowing . Well Head Temperature		Casing Wellhead Pressure (P _w) or (P _c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P ₂)		Duration (Hours)	Liquid Produced (Barrels)
Property (inches) psig (Pm) Shut-In	Inches H ₂ 0	. t		psig 0	psia	psig	psia	·	
Flow		•	0		-		-		
		FLOW	STREA	M ATTRI	BUTES			,	
$ \begin{array}{ccc} \text{Plate} & & \textit{Circle one.} \\ \text{Coeffiecient} & & \textit{Meter or} \\ (F_b) \ (F_p) & & \textit{Prover Pressure} \\ \text{Mcfd} & & \text{psia} \\ \end{array} $	Press Extension ✓ P _m x h	Gravity Factor F _g	Tem	owing perature actor F ₁₁		ation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fed Barrel)	Gravity G _m
	•	(OPEN FLOW) (D	ELIVER					(P _a) ²	= 0.207
$\frac{P_c)^2 = \frac{P_c}{P_c}}{(P_c)^2 - (P_a)^2} = \frac{(P_w)^2 + (P_w)^2}{(P_c)^2 - (P_w)^2}$	$ (P_{w})^{2} = : $ $ (P_{w})^{2} = : $ $ (P_{c})^{2} - (P_{w})^{2} $		%	Backpressure Curve Slope = "n"				(P _d) ²	Open Flow Deliverability
$(P_c)^2 - (P_d)^2$	2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	formula 1. or 2. and divide by:	2 _w		origned ird Slope			Antilog	Equals R x Antilog (Mcfd)
			• .		-				
			·		· .				
pen Flow	Mcfd @ 14.6	55 psia	. [Deliverabi	lity		M	cfd @ 14.65 psi	a

I declare und	er penalty of perjury u	nder the laws of the	state of Kansas tha	t Lam authorize	d to request
	ler Rule K.A.R. 82-3-30				a to request
	joing pressure informa				are true and
	of my knowledge and	•			
	allation and/or upon type	•	·		
• •	est a one-year exemption	·	, •	•	reirriamed.
	ounds that said well:	on nom open now te	sung for the		
gas well on the gi	Julius mat salu Well.				
(Check	one)	•			
	is a coalbed methane	producer	*		
	is cycled on plunger l	ift due to water	,		
	is a source of natural	gas for injection into	an oil reservoir unde	ergoing ER	
	is on vacuum at the pr	resent time; KCC ap	proval Docket No		<u>. </u>
	is not capable of prod	ducing at a daily rate	in excess of 250 mg	f/D	
	•			•	
I further agree	e to supply to the best	of my ability any and	all supporting docur	nents deemed b	by Commission
staff as necessary	y to corroborate this cla	aim for exemption fro	om testing.		
			•		
Date: 11/01/2013	•				
Date: 11/01/2013		•			· · · · · · · · · · · · · · · · · · ·
		Λ		4 - 4	
		Signatura X	200011600	· · ·	
		Signature:	ung Ca	·	
		Title: PROD	UCTION ASSISTAN	IT ·	
			•		
<u> </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.

KCC WICHITA NOV 2 7 2013 RECEIVED