

**STATE OF KANSAS - CORPORATION COMMISSION  
PRODUCTION TEST & GOR REPORT**

Form C-5 Rev.

Conservation Division TYPE TEST:  Initial  Annual  Workover  Reclassification TEST DATE: 6-25-2003

Company: American Warrior Lease: Renda 1 Well No.: 2

County: Commanche Location: C/S 2 NWNW Section: 26 Township: 31 Range (E/W): 20 Acres: \_\_\_\_\_

API Well Number: 15-033-21,226 Reservoir(s): \_\_\_\_\_ Gas Pipeline Connection: \_\_\_\_\_

Completion Date: \_\_\_\_\_ Type of Completion (Describe): Dual Plug Back T.D.: 5180 Packer Set At: \_\_\_\_\_

Lifting Method:  Pumping  Gas Lift  ESP  Type Liquid: 0.2 wtr Gas API Gravity of Liquid/Oil: \_\_\_\_\_

Casing Size: 5 1/2" Weight: 15.5 LD: \_\_\_\_\_ Set At: 5210 Perforations: 5006 To: 5028

Tubing Size: 2 3/8" Weight: 4.7 LD: \_\_\_\_\_ Set At: 5006 Perforations: \_\_\_\_\_ To: \_\_\_\_\_

Pretest: \_\_\_\_\_ Starting Date: \_\_\_\_\_ Time: \_\_\_\_\_ AM/PM Ending Date: \_\_\_\_\_ Time: \_\_\_\_\_ AM/PM

Test: \_\_\_\_\_ Starting Date: 6-25-03 Time: 11:00 AM/PM Ending Date: 6-26-03 Time: 11:00 AM/PM

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**OIL PRODUCTION OBSERVED DATA**

Producing Wellhead Pressure: \_\_\_\_\_ Separator Pressure: \_\_\_\_\_ Choke Size: \_\_\_\_\_

Casing:	Psig	Tubing:	Psig	Starting Gauge			Ending Gauge			Net API Bbls.	
				Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Bbls./In.											
<u>1.67</u>											
Pretest:											
Test:	<u>200</u>	<u>1</u>	<u>2</u>	<u>9</u>	<u>35.11</u>	<u>2</u>	<u>11</u>	<u>58.45</u>	<u>0</u>	<u>3.34</u>	
Test:											

**GAS PRODUCTION OBSERVED DATA**

Orifice Meter Connections (Yes/No): \_\_\_\_\_ Orifice Meter Range: \_\_\_\_\_

Pipe Taps: \_\_\_\_\_ Flange Taps: \_\_\_\_\_ Differential: \_\_\_\_\_ Static Pressure: \_\_\_\_\_

Type Measuring Device	Entry Size	Orifice Size	Meter-Prover-Tester Pressure					Diff. Press. (h <sub>w</sub> ) or (h <sub>d</sub> )	Gas Gravity (G <sub>g</sub> )	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (P <sub>d</sub> )	%CO <sub>2</sub>	H <sub>2</sub> Sppm			
Orifice Meter		<u>1.5</u>								
Critical Flow Prover										
MERLA Well Tester										

**GAS FLOW RATE CALCULATIONS (R)**

Coeff. MCFD (F <sub>d</sub> ) (F <sub>e</sub> )	Meter-Prover Precas. (P <sub>ria</sub> )(P <sub>ra</sub> )	Precas. Extension $\sqrt{h_w \cdot P_m}$	Gravity Factor (F <sub>g</sub> )	Flowing Temp. Factor (F <sub>t</sub> )	Deviation Factor (F <sub>pr</sub> )	Sqr. Rt. Chart Factor (F <sub>d</sub> )

Gas Prod. MCFD: 10 Oil Prod. Bbls./Day: 3.34 Gas/Oil Ratio (GOR) = \_\_\_\_\_ Cubic Feet per Bbl.:

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 the facts stated therein, and that said report is true and correct. Executed this 26th day of June 2003

\_\_\_\_\_  
For Offset Operator

\_\_\_\_\_  
For Commission

\_\_\_\_\_  
For Company