

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

Form C-5 Rev.

Conservation Division / TEST DATE:

TYPE TEST: Initial Annual Workover Reclassification

Company American Warrior Lease Judith Well No. 1

County Comanche Location CNESE Section 26 Township 31 Range (E/W) 20 Acres

API Well Number 15-033-21,187 Reservoir(s) Gas Pipeline Connection

Completion Date Type of Completion (Describe) Dual Plug Back T.D. 5375 Packer Set At

Lifting Method: Pumping Type Liquid O.L Gas Water API Gravity of Liquid/Oil

None Gas Lift ESP

Casing Size 5 1/2" Weight 15.5 LD. Set At 5400 Perforations 5044 To 5070

Tubing Size 2 3/8 Weight 4.7 LD. Set At 5300 Perforations To

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

Test: Starting Date 6-25-03 Time 11:30 AM/PM Ending Date 6-26-03 Time 11:30 AM/PM

**RECEIVED
JUL 01 2003
KCC WICHITA**

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure		Separator Pressure				Choke Size				
Casing:	Psig	Tubing:	Psig	Psig	Psig	Choke Size	Choke Size			
Bbls./In.	Stock Tank		Starting Gauge			Ending Gauge			Net API Bbls.	
<u>1.67</u>	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest										
Test	<u>200</u>	<u>3354</u>	<u>9</u>	<u>1</u>	<u>18203</u>	<u>9</u>	<u>6</u>	<u>190.8</u>	<u>7</u>	<u>8.35</u>
Test										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections (Yes/No)		Orifice Meter Range					Static Pressure:			
Pipe Taps:	Flange Taps:	Differential:		Differential:			Static Pressure:			
Type Measuring Device	Entry Size	Orifice Size	Meter-Prover-Tester Pressure					Diff. Press. (h _w) or (h _d)	Gas Gravity (G _v)	Flowing Temp. (t)
			In. Water	In. Merc.	Psig or (P _d)	%CO ₂	H ₂ Sppm			
Orifice Meter		<u>375</u>								
Critical Flow Prover										
MERLA Well Tester										

GAS FLOW RATE CALCULATIONS (R)

Coef. MCFD (F _v) (F _p)	Meter-Prover Press. (Psia)(P _m)	Press. Extension $\sqrt{h_w \cdot P_m}$	Gravity Factor (F _g)	Flowing Temp. Factor (F _t)	Deviation Factor (F _{pr})	Sqr. Rt. Chart Factor (F _d)

Gas Prod. MCFD Flow Rate (R): 39 Oil Prod. Bbls/Day: 8.35 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