

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

15-171-20570-000

Form C-5 Rev.

Conservation Division

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company Ritchie Exploration Lease Gouging Trust Well No. 1A

County Scott Location 20' N of E1/2-E1/2-NE Section 1 Township 17 Range (R/W) 31 Acres

API Well Number Reservoir(s) RECEIVED Gas Pipeline Connection NCRA

15-

Completion Date Nov 8-02 Type of Completion (Describe) Single Plug Back T.D. Packer Set At

Lifting Method: None Pumping Gas Lift ESP Type Liquid Oil KCO WICHITA API Gravity of Liquid/Oil

Casing Size 5 1/2 Weight ID. Set At 4607 Perforations To 4521.5 - 4524' + 4530.5

Tubing Size 2 3/8 Weight ID. Set At 4548 Perforations To 4540-43

Pretest:

Starting Date Time AM/PM Ending Date Time AM/PM

Test:

Starting Date 1-8-03 Time 2:00 AM/PM Ending Date 1-9-03 Time 2:00 AM/PM

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:	Psig	Tubing:	Psig	Psig	Psig					
Bbls./In.	Stock Tank		Starting Gauge			Ending Gauge			Net API Bbls.	
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
Test:	200	8632	9'	4"	26.72	1'	7"	31.73		5.01
Test:	200	8631	8'	3"	165.33	9'	5"	188.71	9	23.38

GAS PRODUCTION OBSERVED DATA

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

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (F _d) (F _p)	Meter-Prover Press. (Psia)(P _m)	Press. Extension $\sqrt{h_w \cdot P_m}$	Gravity Factor (F _d)	Flowing Temp. Factor (F _t)	Deviation Factor (F _{pv})	Sqr. Rt. Chart Factor (F _d)
Gas Prod. MCFD	<u>0</u>					
Flow Rate (R):		Oil Prod. Bbls./Day: <u>28.39</u>		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 9 day of January 2003

For Offset Operator For Commission For Company