

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-063-21453-00-00 AP
 Form C-5 Revised

Conservation Division
 TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 12-23-93
 Company: RITCHIE EXPLORATION Inc Lease: B WARD Well No. 1
 County: GOVE Location: ne ne nw Section: 15 Township: 11 Range: 31W Acres: _____
 Field: _____ Reservoir: LKC Pipeline Connection: NCRA
 Completion Date: 11-2-93 Type Completion(Describe): _____ Plug Back T.D.: 4612 Packer Set At: _____
 Production Method: 5PM 6 1/2 LS 64 Type Fluid Production API Gravity of Liquid/Oil: _____
 Flowing (Pumping) Gas Lift OIL 36
 Casing Size 4 1/2 Weight I.D. Set At Perforations To 4206-09
 Tubing Size 2 3/8 Weight I.D. Set At Perforations To 4260-64
 Pretest: _____ Duration Hrs. _____
 Starting Date _____ Time _____ Ending Date _____ Time _____
 Test: _____ Duration Hrs. _____
 Starting Date 12-22-93 Time 12 noon Ending Date 12-23-93 Time 12 noon 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure			Separator Pressure			Choke Size				
Casing:		Tubing:								
Bbls./In.	Tank	Starting Gauge			Ending Gauge			Net Prod. Bbls.		
	Size	Number	Feet	Inches	Barrels	Feet	Inches	Barrels	Water	Oil
Pretest:										
1-67/10										
Test:	250	2710	3	8		4	10		62	24
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections			Orifice Meter Range					
Pipe Taps:	Flange Taps:	Differential:	Static Pressure:					
Measuring Device	Run-Prover-Tester Size	Orifice Size	Meter-Prover In. Water	Tester Pressure In. Merc.	Psig or (Pd)	Diff. Press. (hw) or (hd)	Gravity Gas (Gg)	Flowing Temp. (t)
Orifice Meter								
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)	MCFD (Fp)	Meter-Prover Press. (Psia)	Orifice (Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor (Fd)

Gas Prod. MCFD _____ Oil Prod. Bbls./Day: 24 Gas/Oil Ratio (GOR) = _____ Cubic Ft. 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 the 23rd day of December 19 93

For Offset Operator: _____
 For State: *Martin Miller*
 For Company: *Douglas Brenner*

STATE CORPORATION COMMISSION
 RECEIVED
 JAN 07 1994
 CONSERVATION DIVISION
 WICHITA, KANSAS