

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

15-137-20394-00-00

Form C-5 Revised

Conservation Division  
 TYPE TEST: Initial Annual Workover Reclassification TEST DATE: 10-20-95  
 Company Lease Well No.  
 RITCHIE EXPLORATION INC. KMIKEN TRUST 1  
 County Location Section Township Range Acres  
 NORTON SW SW SE 23 5 23 W  
 Field Reservoir Pipeline Connection  
 LKC TEXACO  
 Completion Date Type Completion(Describe) Plug Back T.D. Packer Set At  
 3548  
 Production Method: SPM 734 LS 44 Type Fluid Production API Gravity of Liquid/Oil  
 Flowing Pumping Gas Lift OIL 32  
 Casing Size Weight I.D. Set At Perforations To  
 4 1/2 3683 3530 1/2 - 33 1/2  
 Tubing Size Weight I.D. Set At Perforations To  
 2 3/8 3542

Pretest: Duration Hrs.  
 Starting Date / Time Ending Date Time  
 Test: Duration Hrs.  
 Starting Date 10-19-95 Time 10:00 AM Ending Date 10-20-95 Time 10:00 AM 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:									
Test:	200 28410	3	3 1/4		4	7 1/4		TRACE	27
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-Tester In. Water	Pressure In. Merc. Psig or (Pd)	Diff. Press. (hw) (hd) Gas (Gg)	Gravity	Flowing Temp. (t)
Orifice Meter							
Critical Flow Prover							
Orifice Well Tester							

GAS FLOW RATE CALCULATIONS (R)

Coeff. (Fb)(Fp)(OWTC)	Meter-Prover Press. (Psia)(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:	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 20th day of October 1995

For Offset Operator: *Martin Miller* For State: *James Stuyvesant* For Company: *James Stuyvesant*