

15-193-20599-00-00 R

STATE OF KANSAS - CORPORATION COMMISSION  
 PRODUCTION TEST & GOR REPORT

Form C-5 Revised

Conservation Division

TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: Oct 7 1992  
 Lease Well No.  
 Company Ritchie Exploration Inc. Location Section Township Range Acres  
 County Thomas SW NW NE 27 10 32  
 Field Reservoir Pipeline Connection  
 LKC Texaco

Completion Date 9-15-92 Type Completion(Describe) Plug Back T.D. 4160 Packer Set At

Production Method: 5PM-6 1/2 LS-54 Type Fluid Production API Gravity of Liquid/Oil 31

Flowing (Pumping) Gas Lift oil  
 Casing Size 4 1/2 Weight I.D. Set At 4686 Perforations 4110 - 11 1/2 To  
 Tubing Size 2 3/8 Weight I.D. Set At 4141 Perforations To

Pretest: Starting Date Time Ending Date Time Duration Hrs.  
 Test: Starting Date 10-6-92 Time 1:10 pm Ending Date 10-9-92 Time 1:10 pm Duration Hrs. 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:	250 27794	7	9 1/2		8	7		0	16
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 Pressure 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)(Fp)(OWTC)	Meter-Prover Press.(Psia)(Pm)	Extension sqrt(hw x 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 6th day of October, 1992

For Offset Operator *Mervin Miller* For State *David* For Company

OCT 12 1992