## 15-077 - 20580-0000 STATE OF KANSAS - CORPORATION COMMISSION PRODUCTION TEST & GOR REPORT

Form C-5 Revised Conservation Division Reclassification Workover TEST DATE: TYPE TEST: Initial Annual Lease Well No. Company McCov Petroleum Corporation Muir "A" 1 Section Location Township Range Acres County S/2 SW SE Harper 10 31S Reservoir Pipeline Connection Field Spivey-Grabs Mississippian Koch - Cities Service Type Completion(Describe) Plug Back T.D. Packer Set At Completion Date Open Hole - Perforations 6-12-80 4401' RTD Type Fluid Production API Gravity of Liquid/0il Production Method: : Pumping X Gas Lift e Weight Oil-Gas-SW Flowing F Casing Size I.D. Set At To Perforations 4-1/2" 4390 10.5# 4385-43931 Weight I.D. Set At Perforations To Tubing Size 2-3/8" 4.7# 43791 Pretest: Duration Hrs. Time Ending Date Time Starting Date Test: Duration Hrs. 8:00 AM 8:00 AM Ending Date 8-2-96 8-1-96 Time Time 24 Starting Date OIL PRODUCTION OBSERVED DATA Separator Pressure Producing Wellhead Pressure Choke Size 55# 35# Tubing: Casing: 55# 0pen Ending Gauge Bbls./In. Tank Starting Gauge Net Prod. Bbls. Size Number Feet Inches Barrels Feet Inches Barrels Water Oil Pretest: 1.67 1 61.79 3 0 60.12 3 200 Test: Test: GAS PRODUCTION OBSERVED DATA Orifice Meter Connections Orifice Meter Range Pipe Taps: Flange Taps: Differential: Static Pressure: Diff. Press. Gravity | Flowing Run-Prover- Orifice Meter-Prover-Tester Pressure Measuring Tester Size Size Device In. Water In. Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t) Orifice 5.0 60 30 .650 3/8 3 Meter Critical Flow Prover Orifice Well Tester GAS FLOW RATE CALCULATIONS (R) Coeff. MCFD Meter-Prover Extension Gravity Flowing Temp. Deviation Chart (Fb)(Fp)(OWTC) Press.(Psia)(Pm) Vhw x Pm Factor (Fg) Factor (Ft) Factor (Fpv) Factor(Fd) 1.0 1.0 1.0 12.24 1.240 .6848 Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft. Bbls./Day: 1.67 Flow Rate (R): 10,394 (GOR) =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 day of August For Offset Operator