15-095-00702-000C STATE OF KANSAS - CORPORATION COMMISSION PRODUCTION TEST & GOR REPORT

Form C-5 Revised Well No. 1 Acres Packer Set At Duration Hrs. Duration Hrs. 2.4 Choke Size Bbls. 011 2.50 1 CHEMPOSIC. Chart Factor(Fd) Cubic Ft. per Bbl.

Conservation Division Reclassification Workover TEST DATE: Annual Initial TYPE TEST: Lease Company Palmer "B" McCoy Petroleum Corp. Location Section Range Township County Kingman NW NW NW 16 285 รพ Reservoir Pipeline Connection Field Mississippian Peoples-Permian Type Completion(Describe) Plug Back T.D. Completion Date TD @ 3809' 6-26-51 Open Hole Type Fluid Production Production Method: API Gravity of Liquid/Oil Proud.
Flowing Flowing Size
5½" Oil-Gas-SW X Gas Lift Pumping Set At I.D. Perforations To. Weight 3805' 14# I.D. Set At Perforations Tο Weight Tubing Size 2-3/8" Pretest: Time Ending Date Time Starting Date Test: Starting Date 12-28-90 12-29-90 Time 8:00 8:00 Ending Date Time OIL PRODUCTION OBSERVED DATA Producing Wellhead Pressure Separator Pressure Tubing: Casing: Bbls./In. Tank Starting Gauge Ending Gauge Net Prod. Barrels Feet Size Number Feet Inches Inches Barrels Water Pretest: 80.99 78.49 1/2 250 3 11 4 Test: Test: GAS PRODUCTION OBSERVED DATA Orifice Meter Connections Orifice Meter Range Pipe Taps: Flange Taps: Differential: Run-Prover-Orifice Meter-Prover-Tester Pressure Static Pressure Diff. Press. Gravity Flowing Measuring Device Tester Size Size In. Water In. Merc. | Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t) Orifice STAKE GO, Harry Meter Critical Rotary Meter Flow Prover LAN 3 C 1991 Orifice Well Tester COMPERMAN GAS FLOW RATE CALCULATIONS (R) Flowing Temp. Coeff. MCFD Meter-Prover Extension Gravity Deviation (Fb)(Fp)(OWTC)|Press.(Psia)(Pm) Vhw x Pm Factor (Fg) Factor (Ft) Factor (Fpv) Gas Prod. MCFD Oil Prod. Gas/Oil Ratio 21,000 2.50 8400 Flow Rate (R): Bbls./Day: (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 work 29 day of December 1990 For Offset Operator For State 2-27-91

Wichita, Kansas

PRODUCTION TEST & GOR REPORT 15-95-00 702-0000 STATE OF KANSAS - CORPORATION COMMISSION Form C-5 Revised Conservation Division Workover Reclassification TEST DATE: Initial Annual TYPE TEST: Wall No. Lease Company Palmer "B" McCoy Petroleum Corporation Location Section Township Range Acres County 16 285 5W Kingman NW NW NW Pipeline Connection Reservoir Field Peoples - Permian Mississippian Type Completion (Describe) Plug Back T.D. Packer Set At Completion Date 38091 6-26-51 Open Hole Type Fluid Production API Gravity of Liquid/Oil Production Method: Oil-Gas-SW Flowing Casing Size Pumping X I.D. Set At Perforations To 38051 5-1/2" 14# I.D. Set At Perforations Tubing Size Weight Tα 2-3/8" 4.7# Pretest: Duration Hrs. Starting Date Time Ending Date . Time Duration Hrs. Test: Starting Date 10-16-91 Time 8:00 24 Ending Date 10-17-91 Time 8:00 OIL PRODUCTION OBSERVED DATA Producing Wellhead Pressure Choke Size Separator Pressure Casing: 50 Tubing: Open Bbls./In Tank Starting Gauge Ending Gauge Net Prod. Bbls. Size Number Feet Inches Barrels Feet 011 Inches Barrels Water Pretest: 250 5.01 8 3 165.33 8 170.34 6 Test: Test: GAS PRODUCTION OBSERVED DATA Urifice Meter Connections Urifice Meter Range Pipe Tapa: Flange Taps: Differential: Static Pressure Run-Prover- Orifice Meter-Prover-Tester Pressure Measuring Diff. Press. Gravity Device Tester Size Size In. Water In. Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (l) Orifice Meter Critical Flow Prover Rotary Meter 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) Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft. Flow Rate (R): 34.000 Bbls./Day: 5.01 6.786 (GOR) = 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

> For State OCT 2 4 1991

said report is true and correct. Executed this the proculto day of October

For Offset Operator

STATE CORP - TION NOT MISSION For Company

PRODUCTION TEST & GOR REPORT 15-095-00 702-0000 Form C-5 Revised Conservation Division Workover Reclassification TEST DATE: Annual TYPE TEST: Initial Well No. Lease Company McCoy Petroleum Corporation Palmer "B" 1 Location. Section Township Range Acres County 5W 285 NW NW NW 16 Kingman Pipeline Connection Reservoir Field Peoples - Permian Mississippian Type Completion(Describe) Plug Back T.D. Packer Set At Completion Date 38091 6-26-51 Open Hole Type Fluid Production API Gravity of Liquid/Oil Production Method: Oil-Gas-SW Flowing I Casing Size Pumping X Gas Lift I.D. Set At Perforations To 38051 5-1/2" 14# I.D. Set At Perforations To Tubing Size Weight 2-3/8" 4.7# Duration Hrs. Pretest: Time Time Ending Date Starting Date Duration Hrs. Test: Time 9:30 . 24 8-5-92 Time 9:30 Ending Date 8-6-92 Starting Date OIL PRODUCTION OBSERVED DATA Separator Pressure Choke Size Producing Wellhead Pressure Tubing: Casing: 50 0pen Bbls./In. Starting Gauge Net Prod. Bbls. Tank Ending Gauge Size Number Feet Inches Barrels Feet Inches Barrels Water 011 Pretest: 5.01 250 6 9 135.27 7 0 140,28 Test: Test: GAS PRODUCTION OBSERVED DATA Orifice Meter Connections Orifice Meter Range Pipe Tapa: Flange Taps: Differential: Static Pressure: Measuring Run-Prover-Orifice Meter-Prover-Tester Pressure Diff. Press. Gravity Flowing Device Tester Size Size In. Water In. Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t) Orifice Meter Critical Flow Prover Rotory meter 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) Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft. 4.59 5.01 23.00 Flow Rate (R): Bbls./Day: (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 MISSION For Offset Operator For Company RATIO For State

> MOA CONVERVATION DIVISION

15-095-00702-0000 PRODUCTION TEST & GOR REPORT Form C-5 Revised Conservation Division Workover Reclassification Annual TEST DATE: TYPE TEST: Initial Well No. Lease Company Palmer "B" McCoy Petroleum Corporation Location Section Township Range Acres County 16 285 5W NW NW NW Kingman Pipeline Connection Reservoir Field Peoples - Permian Mississippian Type Completion(Describe) Plug Back T.D. Packer Set At. Completion Date 38091 6-26-51 Open Hole Type Fluid Production API Gravity of Liquid/Oil Production Method: Oil-Gas-SW Gas Lift Pumping X Flowing I.D. Set At Perforations To Casing Size Weight 38051 5-1/2" 14# I.D. Set At Perforations To Tubing Size Weight 2-3/8" 4.7# Duration Hrs. Pretest: Ending Date Time Time Starting Date Duration Hrs. Test: Starting Date 6-1-93 Time 8:00 Ending Date 6-2-93 Time 8:00 OIL PRODUCTION OBSERVED DATA Separator Pressure Choke Size Producing Wellhead Pressure **50**# Casing: Tubing: 20# Open 50# Net Prod. Bbls. Bbls./In. Starting Gauge Ending Gauge Tank Inches Barrels Feet Size Number Feet Inches Barrels Water 011 Pretest: 172.85 5.01 8 4-1/2167.84 8 7-1/2Test: 200 Test: GAS PRODUCTION OBSERVED DATA Orifice Meter Range Orifice Meter Connections Pipe Taps: Flange Taps: Differential: Static Pressure Run-Prover- Orifice Meter-Prover-Tester Pressure Diff. Press. Gravity Flowing Measuring In. Water In. Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t) Device Tester Size Size Orifice Meter NOV Critical Rotary Meter 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) hw x Pm Factor (Fg) Factor (Ft) Factor(Fd) Factor (Fpv) Gas Prod. MCFD Cubic Ft. Oil Prod. Gas/Oil Ratio 28,000 5.01 5.588 Flow Rate (R): Bbls./Day: (GOR) = 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 2 day of June 19

KANSAS CORPORATION COMMISSION 1993 For Offset Operator For State or Company NOV 10 1993

STATE OF KANSAS - CORPORATION COMMISSION PRODUCTION TEST & COR REPORT 15-095-0070

Form C-5 Revised Conservation Division Workover Reclassification TEST DATE: TYPE TEST: Initial Annual Well No. Lease Company Palmer "B" McCoy Petroleum Corporation Section Location Township Range Acres County 28S 5W WN WN WN Kingman Pipeline Connection Reservoir Field Mississippian Peoples - Permian Type Completion(Describe) Plug Back T.D. Packer Set At. Completion Date 6-26-51 Open Hole 38091 Type Fluid Production API Gravity of Liquid/Oil Production Method: Oil-Gas-SW Pumping X Gas Lift Flowing Set At Perforations To I.D. Casing Size Weight 38051 5-1/2" 14# Set At Ī.D. Perforations Weight Tubing Size 2-3/8" 4.7# Duration Hrs. Pretest: Ending Date Time Time Starting Date Duration Hrs. Test: Starting Date 10-1-94 Time Ending Date 10-2-94 Time 8:00 OIL PRODUCTION OBSERVED DATA Choke Size Separator Pressure Producing Wellhead Pressure Tubing: Casing: 50# 50# 25# 0pen Bbls./In. Tank Starting Gauge Ending Gauge Net Prod. Bbls. Barrels Feet Inches Size Number Feet | Inches Barrels Water 011 Pretest: 200 1 31.73 36.74 5.01 1 10 Test: Test: GAS PRODUCTION OBSERVED DATA Orifice Meter Connections Orifice Meter Range Pipe Taps: Flange Taps: Differential: Static Pressure: Run-Prover-Orifice Meter-Prover-Tester Pressure | Diff. Press. Gravity | Flowing Measuring Device Tester Size Size In. Water In. Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t) Orifice Meter Critical ROTARY METER Flow Prover Orifice Well Tester GAS FLOW RATE CALCULATIONS (R) Coeff. MCFD Flowing Temp. Deviation Meter-Prover Extension Gravity Chart |(Fb)(Fp)(OWTC)|Press.(Psia)(Pm) Vhw x Pm Factor (Fg) Factor (Ft) Factor(Fd) Factor (Fpv) Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft. Flow Rate (R): Bbls./Day: 28,000 5.01 (GOR) =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 19 94 day of For State

For Company

For Offset Operator

PRODUCTION TEST & GOR REPORT 15-095-00 702-0000 Form C-5 Revised Conservation Division Workover Reclassification TEST DATE: TYPE TEST: Initial Annual Lease Well No. Company Palmer "B" McCoy Petroleum Corporation Location Section Township Range Acres County 5W 16 285 NW NW NW Kingman Pipeline Connection Reservoir Field Peoples - Permian Mississippian Type Completion(Describe) Plug Back T.D. Packer Set At Completion Date 6-26-51 38091 Open Hole Type Fluid Production API Gravity of Liquid/0il Production Method: Oil-Gas-SW Pumping X Gas Lift Flowing Set At Perforations T.D.To Casing Size Weight 38051 5-1/2" 14# I.D. Set At Perforations $\overline{T_{\Omega}}$ Tubing Size Weight 2-3/8" 4.7# Duration Hrs. Pretest: Time Ending Date Time Starting Date Test: Duration Hrs. 8:00 Starting Date 10-1-95 Time 8:00 Ending Date 10-2-95 Time OIL PRODUCTION OBSERVED DATA Producing Wellhead Pressure Separator Pressure Choke Size Tubing: Casing: 50# 50# 25# Open Bbls./In. Tank Starting Gauge Ending Gauge Net Prod. Bbls. Feet Inches Barrels Size Number Feet. Inches | Barrels Water 011 Pretest: 250 1 26.72 1 6-1/230.90 4.18 Test: Test: GAS PRODUCTION OBSERVED DATA Orifice Meter Connections Orifice Meter Range Pipe Taps: Flange Taps: Differential: <u>Static Pressure:</u> Diff. Press. Gravity Flowing Measuring Run-Prover- Orifice Meter-Prover-Tester Pressure Device Tester Size Size In. Water In. Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t) Orifice Meter Critical ROTARY METER 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) Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft. 29,000 6,937 Flow Rate (R): 4.18 Bbls./Day: (GOR) ≖ per Bbl. The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that the has knowledge of the facts stated therein, and that said report is true and correct. Executed Athis the 2 October | 19 95 day of For Offset Operator For State CONCESSAGE AND COMMUNITAL RANGES OF SERVICE OF SERVICE

15-095-00702-00-00 PRODUCTION TEST & GOR REPORT Form C-5 Revised Conservation Division Workover Reclassification TEST DATE: Annual TYPE TEST: Initial Well No. Lease Company Palmer "B" McCoy Petroleum Corporation Section Location Township Range Acrea County 16 285 5W WN WN WN Kingman Reservoir Pipeline Connection Field Mississippian Peoples - Permian Type Completion(Describe) Plug Back T.D. Completion Date Packer Set At 6-26-51 Open Hole 38091 Type Fluid Production API Gravity of Liquid/Oil Production Method: Oil-Gas-SW Pumping X Gas Lift Flowing F Casing Size Set At I.D. Perforations To Weight 38051 5-1/2" 14# Ī.D. Set At Weight Perforations Tubing Size 2-3/8" 4.7# Pretest: Duration Hrs. Ending Date . Time Time Starting Date Duration Hrs. Test: Time 8:00 AM 9-1-96 Time 8:00 AM 24 9 - 2 - 96Starting Date Ending Date OIL PRODUCTION OBSERVED DATA Producing Wellhead Pressure Separator Pressure Choke Size Open Casing: 50# Tubing: 50# 25# Bbls./In. Tank Starting Gauge Ending Gauge Net Prod. Bbls. Size Number Feet Inches Barrels Feet Inches Barrels 011 Water Pretest: 5.01 1 141.95 7 146,96 200 4 Test: Test: GAS PRODUCTION OBSERVED DATA Orifice Meter Connections Orifice Meter Range Pipe Tapa: Flange Taps: Differential: Static Pressure Run-Prover-Orifice Meter-Prover-Tester Pressure Diff. Press. Gravity Flowing Measuring Device Tester Size Size In. Water In. Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t) Orifice Meter Critical ROTARY METER 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) Factor (Fg) | Factor (Ft) V hw x Pm Factor (Fpv) Factor(Fd) Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft. 5.01 35,000 Flow Rate (R): Bbls./Day: 6,986 (GOR) = 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 19 96 day of For Offset Operator For State

PRODUCTION TEST & GOR REPORT

15-095-00702-0000 Form C-5 Revised Conservation Division Reclassification Workover TEST DATE: TYPE TEST: Annual Initial Lease Well No. Company McCoy Petroleum Corporation Palmer "B" 1 Location Section Township Range Acres County **28**S 5W 16 NW NW NW Kingman Reservoir Pipeline Connection Field Peoples - Permian Mississippian Type Completion(Describe) Plug Back T.D. Packer Set. At. Completion Date 6-26-51 Open Hole 38091 Type Fluid Production Production Method: API Gravity of Liquid/Oil 0i1-Gas-SW <u>Flowing P</u> Casing Size Pumping X Gas Lift Set At I.D. Weight Perforations To. 38051 5-1/2" 14# Ī.D. Set At Perforations Weight Tubing Size 2-3/8" 4.7# Pretest: Duration Hrs. Starting Date Time Ending Date Time Duration Hrs. Test: Time 8:00 AM Time 8:00 AM 9-12-97 Ending Date 9-13-97 Starting Date OIL PRODUCTION OBSERVED DATA Separator Pressure Producing Wellhead Pressure Choke Size 35 Casing: 35 Tubing: 25 Bbls./In Tank Starting Gauge Ending Gauge Net Prod. Bbls. Size Number Feet Inches Feet Barrels Inches Water Oil Barrels Pretest: 200 7 3 145.29 6 150.30 5.01 Test: Test: GAS PRODUCTION OBSERVED DATA Orifice Meter Connections Orifice Meter Range Pipe Taps: Flange Tabs: Differential: Static Pressure Diff. Press. Gravity Flowing Measuring Run-Prover- Orifice Meter-Prover-Tester Pressure Device Tester Size Size In. Water In. Merc. Psig or (Pd) (hw) or (hd) Gas (Gg) Temp. (t) Orifice Meter Critical ROTARY METER 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)|V hw $\propto P$ m Factor (Fg) Factor (Ft) Factor (Fpv) Factor(Fd) Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft. Flow Rate (R): 25,000 Bbls./Day: 5.01 4,990 (GOR) =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 0 this the 13 day of Sept. 19 19 97

MON 18 1931

For State

For Company

For Offset Operator