

TYPE TEST: Initial Annual Workover Reclassification TEST DATE:

Company: McCoy Petroleum Corp. Lease: Ritter "E" Well No.: 1

County: Harper Location: NW-NE-NW Section: 11 Township: 34 Range: 8W Acres:

Field: Wharton Pool Reservoir: Mississippian Pipeline Connection: Koch - Peoples

Completion Date: 10-28-84 Type Completion(Describe): Perforations Plug Back T.D.: 4725 Packer Set At:

Production Method: Flowing Pumping Gas Lift Type Fluid Production: Oil-Gas-SW API Gravity of Liquid/Oil:

| Casing Size | Weight | I.D. | Set At | Perforations | To |
|-------------|--------|------|--------|--------------|---------|
| 4½" | 10.5# | | 4748 | 4690-98 | 4674-86 |
| Tubing Size | Weight | I.D. | Set At | Perforations | To |
| 2-3/8" | 4.7# | | 4701' | | |

Pretest: Starting Date 12-28-90 Time 8:00 Ending Date 12-29-90 Time 8:00 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

| Producing Wellhead Pressure | Separator Pressure | Choke Size |
|---------------------------------------|--------------------|-------------|
| Casing: <u>120</u> Tubing: <u>120</u> | <u>105</u> | <u>Open</u> |

| Bbls./In. | Tank | | Starting Gauge | | | Ending Gauge | | | Net Prod. Bbls. | |
|-----------|------|--------|----------------|--------|---------|--------------|--------|---------|-----------------|------|
| | Size | Number | Feet | Inches | Barrels | Feet | Inches | Barrels | Water | Oil |
| Pretest: | | | | | | | | | | |
| Test: | 200 | | 4 | 2 | 83.50 | 4 | 5 | 88.51 | | 5.01 |
| 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 | | | Diff. Press. (hw) or (hd) | Gravity Gas (Gg) | Flowing Temp. (t) |
| | | | In.Water | In.Merc. | Psig or (Pd) | | | |
| Orifice Meter | 3 | 1/2 | | | 90 | 4 ^{STATE CL.} | .650 | 60 |
| Critical Flow Prover | | | | | | | | |
| Orifice Well Tester | | | | | | | | |

GAS FLOW RATE CALCULATIONS (R)

| Coeff. (Fb)(Fp)(OWTC) | Meter-Prover Press.(Psia)(Pm) | Extension √hw x Pm | Gravity Factor (Fg) | Flowing Temp. Factor (Ft) | Deviation Factor (Fpv) | Chart Factor (Fd) |
|-----------------------|-------------------------------|--------------------|---------------------|---------------------------|------------------------|-------------------|
| 1.214 | | 18.97 | 1.240 | 1.000 | 1.000 | 1.000 |

| | | | |
|---|----------------------------------|-----------------------------------|--------------------|
| Gas Prod. MCFD Flow Rate (R): <u>28,556</u> | Oil Prod. Bbls./Day: <u>5.01</u> | Gas/Oil Ratio (GOR) = <u>5699</u> | 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 29 day of December 1990

For Offset Operator

For State

For Company

FEB 27 1991
 2-27-91
 CONSERVATION DIVISION
 Wichita, Kansas