15-095-30100-0000

STATE OF KANSAS - CORPORATION COMMISSION
PRODUCTION TEST & GOR REPORT

Conservation Division — Form C-5 Revised

TYPE TEST: Initial — Annual X — Workover — Reclassification — TEST DATE:

| Company | Lease | Well No. |
|---|---|---|
| Pickrell Drilling Company | Young "K" | 1 |

| County | Location | Section | Township | Range | Acres |
|---|---|---|---|---|---|
| Kingman | C NE SE | 22 | 29S | 8W | 40 |

| Field | Reservoir | Pipeline Connection |
|---|---|---|
| Belmont Center | Mississippi | PNG |

| Completion Date | Type Completion(Describe) | Plug Back T.D. | Packer Set At |
|---|---|---|---|
| 2-4-66 | Single | 4585 | |

| Production Method: | Type Fluid Production | API Gravity of Liquid/Oil |
|---|---|---|
| Flowing — Pumping X — Gas Lift | Oil & Water | 36 |

| Casing Size | Weight | I.D. | Set At | Perforations | To |
|---|---|---|---|---|---|
| 5½" | 14.0# | 5.012 | 4616 | 4236 | 4245 |

| Tubing Size | Weight | I.D. | Set At | Perforations | To |
|---|---|---|---|---|---|
| 2 3/8" | 4.7# | 1.995 | 4290 | B.H. Separator | |

| Pretest: | | | | | | Duration Hrs. |
|---|---|---|---|---|---|---|
| Starting Date | July 6 | Time | 7:00 | Ending Date July 7 | Time 7:00 | 24 |
| **Test:** | | | | | | Duration Hrs. |
| Starting Date | July 7 | Time | 7:00 | Ending Date July 8 | Time 7:00 | 24 |

## OIL PRODUCTION OBSERVED DATA

| Producing Wellhead Pressure | | Separator Pressure | Choke Size |
|---|---|---|---|
| Casing: 60 | Tubing: 60 | 55 | Open |

| Bbls./In. | Tank | | Starting Gauge | | | Ending Gauge | | | Net Prod. Bbls. | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Size | Number | Feet | Inches | Barrels | Feet | Inches | Barrels | Water | Oil |
| Pretest: | 250 | 19295 | 2 | 2 | 43.47 | 2 | 3 | 45.14 | 82 | 1.67 |
| Test: | 250 | 19295 | 2 | 3 | 45.14 | 2 | 4 | 46.81 | 82 | 1.67 |
| Test: | | | | | | | | | | |

## GAS PRODUCTION OBSERVED DATA

| Orifice Meter Connections | | Orifice Meter Range | |
|---|---|---|---|
| Pipe Taps: | Flange Taps: X | Differential: 100" | Static Pressure: 500 |

| 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 | 4" | .500 | | | 55 | 5 | .650 | 60°F |
| Critical Flow Prover | | | | | | | | |
| Orifice Well Tester | | | | | | | | |

## GAS FLOW RATE CALCULATIONS (R)

| Coeff. MCFD (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) |
|---|---|---|---|---|---|---|
| 1.212 | 69.65 | 18.661 | 1.240 | 1.000 | 1.000 | 1.000 |

| Gas Prod. MCFD Flow Rate (R): | 28 | Oil Prod. Bbls./Day: | 2 | Gas/Oil Ratio (GOR) = | 14000 | Cubic Ft. per Bbl. |
|---|---|---|---|---|---|---|

RECEIVED
STATE CORPORATION COMMISSION
AUG 24 1993
CONSERVATION DIVISION
Wichita, Kansas

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 8th day of July 19 93

8-24-93

For Offset Operator — For State — For Company

NOTE: Meter is 50" x 50" but readings have been compensated, therefore, chart factor is 1.000.