

STATE OF KANSAS - CORPORATION COMMISSION 15-095-21148-00-00
 PRODUCTION TEST & GOR REPORT

2

Conservation Division Form C-5 Revised

TYPE TEST: Initial Annual X Workover Reclassification TEST DATE:

Company Lease Well No.
 Pickrell Drilling Company Render "B" 4

County Location Section Township Range Acres
 Kingman C SE SW 5 30S 7W

Field Reservoir Pipeline Connection

Completion Date Type Completion(Describe) Plug Back T.D. Packer Set At

Production Method: Type Fluid Production API Gravity of Liquid/Oil

Flowing Pumping Gas Lift Oil & Water
 Casing Size Weight I.D. Set At Perforations To

Tubing Size Weight I.D. Set At Perforations To

Pretest: Duration Hrs.
 Starting Date 7-4-93 Time 7:00 Ending Date 7-5-93 Time 7:00 24

Test: Duration Hrs.
 Starting Date 7-5-93 Time 7:00 Ending Date 7-6-93 Time 7:00 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure Separator Pressure Choke Size

| Bbls./In. | Tank | | Starting Gauge | | | Ending Gauge | | | Net Prod. Bbls. | |
|-----------|------|--------|----------------|--------|---------|--------------|--------|---------|-----------------|------|
| | Size | Number | Feet | Inches | Barrels | Feet | Inches | Barrels | Water | Oil |
| Pretest: | 250 | 114237 | 3 | 9 | 75.15 | 4 | 1 | 81.83 | 15 | 6.68 |
| Test: | 250 | 114237 | 4 | 1 | 81.83 | 4 | .5 | 88.53 | 15 | 6.68 |
| 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 | 2 | .750 | | | 24 | 3 | 0.700 | 60 F |
| Critical Flow Prover | | | | | | | | |
| Orifice Well Tester | | | | | | | | |

GAS FLOW RATE CALCULATIONS (R)

| Coeff. MCFD (Fp)(OWTC) | Meter-Prover Press.(Psia)(Pm) | Extension $\sqrt{hw \times Pm}$ | Gravity Factor (Fg) | Flowing Temp. Factor (Ft) | Deviation Factor (Fpv) | Chart Factor(Fd) |
|------------------------|-------------------------------|---------------------------------|---------------------|---------------------------|------------------------|------------------|
| 2.779 | 38.65 | 10.768 | 1.191 | 1.000 | 1.000 | 1.000 |

Gas Prod. MCFD Oil Prod. Gas/Oil Ratio Cubic Ft.
 Flow Rate (g): 36 Bbls./Day: 7 (GOR) - 51.42 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 July 1993

8-24-93
 For Offset Operator For State For Company

RECEIVED
 STATE CORPORATION COMMISSION
 CONSERVATION DIVISION
 WICHITA, KANSAS
 AUG 24 1993

Jack [Signature]