

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

15-095-20399-0000

Conservation Division

Form C-5 Revised

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

Company: Pickrell Drilling Company Lease: Young "K" Well No.: 2

County: Kingman Location: 150' E of SE SE Section: 22 Township: 29S Range: 8W Acres: 40

Field: Belmont Center Reservoir: Mississippi Pipeline Connection: PNG

Completion Date: 5-14-75 Type Completion(Describe): Plug Back T.D.: 4255 Packer Set At:

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

Flowing Pumping Gas Lift

| Casing Size | Weight | I.D. | Set At | Perforations | To |
|-------------|--------|-------|--------|--------------|------|
| 4 1/2" | 10.5 | 4.050 | 4298 | 4222 | 4232 |
| Tubing Size | Weight | I.D. | Set At | Perforations | To |
| 2 3/8" | 4.7# | 1.995 | 4250 | 4235 | 4238 |

Pretest: Starting Date 7-29-87 Time 7:00 a.m. Ending Date 7-30-87 Time 7:00 a.m. Duration Hrs. 24

Test: Starting Date 7-30-87 Time 7:00 a.m. Ending Date 7-31-87 Time 7:00 a.m. Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

| Producing Wellhead Pressure | | Separator Pressure | | | Choke Size | | | | |
|-----------------------------|-------------|--------------------|--------|---------|--------------|--------|---------|-----------------|------|
| Casing: | Tubing: | | | | | | | | |
| Ebbs./In. | Tank | Starting Gauge | | | Ending Gauge | | | Net Prod. Bbbs. | |
| | Size Number | Feet | Inches | Barrels | Feet | Inches | Barrels | Water | Oil |
| Pretest: | 250 19294 | 10 | 0 | 200.21 | 10 | 3 | 205.21 | 245 | 5.00 |
| Test: | 250 19294 | 10 | 3 | 205.21 | 10 | 4 | 206.88 | 82 | 1.67 |
| Test: | | | | | | | | | |

GAS PRODUCTION OBSERVED DATA

| Orifice Meter Connections | | Orifice Meter Range | | | | |
|---------------------------|---|---------------------|---|-------------------|------------------|-------------------|
| Pipe Taps: | Flange Taps: | Differential: | | Static Pressure: | | |
| Measuring Device | Run- Flange - Flange Size | Orifice Size | Meter- Flange - Flange Pressure | Diff. Press. (hw) | Gravity Gas (Gg) | Flowing Temp. (t) |
| | | In.Water | In.Merc. | Psig | | |
| Orifice Meter | 4 | .5 | | 87 | 2 | .650 60°F |
| Critical Flow Prover | | | | | | |
| Orifice Well Tester | | | | | | |

GAS FLOW RATE CALCULATIONS (R)

| Coeff. MCFD (Fb) | Meter- Flange - Flange Press.(Psia) | Extension $\sqrt{hw \times Pm}$ | Gravity Factor (Fg) | Flowing Temp. Factor (Ft) | Deviation Factor (Fv) | Chart Factor (Fd) |
|------------------|---|---------------------------------|---------------------|---------------------------|-----------------------|-------------------|
| 1.212 | 101.65 | 14.258 | 1.240 | 1.000 | 1.000 | 1.000 |

| | | | | | | |
|-------------------------------|----|----------------------|---|-----------------------|--------|--------------------|
| Gas Prod. MCFD Flow Rate (R): | 21 | Oil Prod. Bbbs./Day: | 2 | Gas/Oil Ratio (GOR) - | 10,500 | 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 8th day of September 19 87

For Offset Operator: *[Signature]* For State: *[Signature]* For Company: *[Signature]*

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

RECEIVED
 STATE CORPORATION COMMISSION
 9-14-87
 SEP 14 1987