

STATE OF KANSAS - CORPORATION COMMISSION  
PRODUCTION TEST & GOR REPORT

15-095-30100-0000

Form C-5 Revised

Conservation Division

|                                                             |  |                                     |                                      |                          |               |                                 |  |                      |  |
|-------------------------------------------------------------|--|-------------------------------------|--------------------------------------|--------------------------|---------------|---------------------------------|--|----------------------|--|
| TYPE TEST: Initial                                          |  | Annual <sup>X</sup>                 |                                      | Workover                 |               | Reclassification                |  | TEST DATE:           |  |
| Company<br>Pickrell Drilling Company                        |  |                                     |                                      | Lease<br>Young "K"       |               |                                 |  | Well No.<br>1        |  |
| County<br>Kingman                                           |  | Location<br>C NE SE                 |                                      | Section<br>22            |               | Township<br>29S                 |  | Range<br>8W          |  |
| Acres<br>40                                                 |  | Field<br>Belmont Center             |                                      | Reservoir<br>Mississippi |               | Pipeline Connection<br>PNG      |  |                      |  |
| Completion Date<br>2-4-66                                   |  | Type Completion(Describe)<br>Single |                                      | Plug Back T.D.<br>4585   |               | Packer Set At                   |  |                      |  |
| Production Method:<br>Flowing Pumping <sup>X</sup> Gas Lift |  |                                     | Type Fluid Production<br>Oil & Water |                          |               | API Gravity of Liquid/Oil<br>36 |  |                      |  |
| Casing Size<br>5 1/2"                                       |  | Weight<br>14.0#                     |                                      | I.D.<br>5.012            |               | Set At<br>4616                  |  | Perforations<br>4236 |  |
| To<br>4245                                                  |  | Tubing Size<br>2 3/8"               |                                      | Weight<br>4.7#           |               | I.D.<br>1.995                   |  | Set At<br>4290       |  |
| Perforations<br>B.H. Separator                              |  | To                                  |                                      |                          |               |                                 |  |                      |  |
| Pretest:                                                    |  |                                     |                                      |                          | Duration Hrs. |                                 |  |                      |  |
| Starting Date<br>8/15/89                                    |  | Time<br>7:30                        |                                      | Ending Date<br>8/16/89   |               | Time<br>7:30                    |  | 24                   |  |
| Test:                                                       |  |                                     |                                      |                          | Duration Hrs. |                                 |  |                      |  |
| Starting Date<br>8/16/89                                    |  | Time<br>7:30                        |                                      | Ending Date<br>8/17/89   |               | Time<br>7:30                    |  | 24                   |  |

OIL PRODUCTION OBSERVED DATA

|                             |  |        |  |                |                    |        |              |         |  |                 |  |
|-----------------------------|--|--------|--|----------------|--------------------|--------|--------------|---------|--|-----------------|--|
| Producing Wellhead Pressure |  |        |  |                | Separator Pressure |        |              |         |  | Choke Size      |  |
| Casing: 65                  |  |        |  |                | Tubing: 30         |        |              |         |  | 62              |  |
| Open                        |  |        |  |                |                    |        |              |         |  |                 |  |
| Bbls./In.                   |  | Tank   |  | Starting Gauge |                    |        | Ending Gauge |         |  | Net Prod. Bbls. |  |
| Size                        |  | Number |  | Feet           |                    | Inches |              | Barrels |  | Water           |  |
| Oil                         |  |        |  |                |                    |        |              |         |  |                 |  |
| Pretest:                    |  | 250    |  | 19295          |                    | 2      |              | 5       |  | 48.48           |  |
| Test:                       |  | 250    |  | 19295          |                    | 2      |              | 8       |  | 53.49           |  |
| Test:                       |  |        |  |                |                    |        |              | 10 3/4  |  | 58.08           |  |

GAS PRODUCTION OBSERVED DATA

|                           |  |                           |  |               |                     |                                     |  |                   |  |
|---------------------------|--|---------------------------|--|---------------|---------------------|-------------------------------------|--|-------------------|--|
| Orifice Meter Connections |  |                           |  |               | Orifice Meter Range |                                     |  |                   |  |
| Pipe Taps:                |  | Flange Taps:              |  | Differential: |                     | Static Pressure:                    |  |                   |  |
| Measuring Device          |  | Run- <del>Size</del> Size |  | Orifice Size  |                     | Meter- <del>Pressure</del> Pressure |  | Diff. Press. (hw) |  |
| Orifice Meter             |  | 4"                        |  | .625          |                     | 61                                  |  | 650               |  |
| Critical Flow Prover      |  |                           |  |               |                     |                                     |  | 60°F              |  |
| Orifice                   |  |                           |  |               |                     |                                     |  |                   |  |
| Well Tester               |  |                           |  |               |                     |                                     |  |                   |  |

GAS FLOW RATE CALCULATIONS (R)

|                  |  |                                        |  |                                 |  |                     |  |                           |  |                        |  |                   |  |
|------------------|--|----------------------------------------|--|---------------------------------|--|---------------------|--|---------------------------|--|------------------------|--|-------------------|--|
| Coeff. MCFD (Fb) |  | Meter- <del>Press.</del> Press. (Psia) |  | Extension $\sqrt{hw \times Pm}$ |  | Gravity Factor (Fg) |  | Flowing Temp. Factor (Ft) |  | Deviation Factor (Fpv) |  | Chart Factor (Fd) |  |
| 1.892            |  | 75.65                                  |  | 30.130                          |  | 1.240               |  | 1.000                     |  | 1.000                  |  | 1.000             |  |

|                |  |                      |  |                     |  |                    |  |
|----------------|--|----------------------|--|---------------------|--|--------------------|--|
| Gas Prod. MCFD |  | Oil Prod. Bbls./Day: |  | Gas/Oil Ratio (GOR) |  | Cubic Ft. per Bbl. |  |
| Flow Rate (R): |  | 7000                 |  | 5                   |  | 14200              |  |

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 17th day of August 1989

AUG 25 1989

For Offset Operator

For State

For Company

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