

Observation Division

PRODUCTION TEST & GOR REPORT

15-095-21410-00-00

Form C-5 Rev 1

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

Company Pickrell Drilling Company Lease Kopf 'D' Well No. 2

County Kingman Location 200' SW of C NW SW Section 13 Township 30S Range 7W Acres

Field Basil Reservoir Miss Pipeline Connection None

Completion Date 12-21-83 Type Completion (Describe) Single Plug Back T.D. 4176 Packer Set ---

Production Method: Flowing Pumping ^X Gas Lift Type Fluid Production Oil, water API Gravity of Liquid/O 40

casing Size 4 1/2" OD Weight 10.5 # I.D. Set At 4197 Perforations 4124 To 4134

tubing Size 2 3/8" OD Weight 4.7# I.D. Set At 4145 Perforations Open ended To

Retest: Starting Date 8-1-91 Time 8:00 Ending Date 8-2-91 Time 8:00 Duration H. 24

Retest: Starting Date 8-2-91 Time 8:00 Ending Date 8-3-91 Time 8:00 Duration H. 24

OIL PRODUCTION OBSERVED DATA

Reducing Wellhead Pressure Tubing: Separator Pressure Choke Size

| bls./In. | Tank | | Starting Gauge | | | Ending Gauge | | | Net Prod. Bbls. | |
|----------|------|--------|----------------|--------|---------|--------------|--------|---------|-----------------|------|
| | Size | Number | Feet | Inches | Barrels | Feet | Inches | Barrels | Water | Oil |
| retest: | 250 | 126500 | 2 | 8 | 53.48 | 2 | 10 | 56.82 | 30.00 | 3.34 |
| est: | 250 | 126500 | 2 | 10 | 56.82 | 3 | 1/2 | 60.99 | 30.00 | 4.17 |
| est: | | | | | | | | | | |

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections Orifice Meter Range

Side Taps: Flange Taps: ^X Differential: 50 Static Pressure: 1000

| Measuring Device | Run- Size Orifice Size | Orifice Size | Meter- Pressure Pressure | | | Diff. Press. (hw) | Gravity Gas (Gg) | Flowing Temp. (t) | |
|----------------------|-----------------------------------|--------------|-------------------------------------|-----------|------|-------------------|------------------|-------------------|-----------------|
| | | | In. Water | In. Merc. | Psig | | | | |
| Orifice Meter | 3 | 0.375 | | | | 86 | 0.25 | 0.758 | 60 ⁰ |
| Critical Flow Prover | | | | | | | | | |
| Orifice Well Tester | | | | | | | | | |

GAS FLOW RATE CALCULATIONS (R)

| Coeff. MCFD (Cb) | Meter- Press. Press. (Psia) | Extension $\sqrt{hw \times Pm}$ | Gravity Factor (Fg) | Flowing Temp. Factor (Ft) | Deviation Factor (Fpv) | Chart Factor (F) |
|------------------|--|---------------------------------|---------------------|---------------------------|------------------------|------------------|
| 0.6848 | 100.65 | 5.016 | 1.149 | 1.000 | 1.000 | 1.000 |

Gas Prod. MCFD Oil Prod. Bbls./Day: 4 Gas/Oil Ratio (GOR) = 1000 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 3rd day of August 19 91

For Offset Operator For State For Company

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