

STATE OF KANSAS - CORPORATION COMMISSION

PRODUCTION TEST & GOR REPORT

15-095-21335-0000

Form C-5 Revised

Conservation Division

TYPE TEST: Initial Annual X Workover Reclassification TEST DATE:

Company Pickrell Drilling Company Lease Kopf "E" Well No. 1

County Kingman Location C NW/4 NW/4 Section 24 Township 30S Range 7W Acres

Field Basil Reservoir Miss Pipeline Connection KGS

Completion Date 5-1-83 Type Completion(Describe) Single Plug Back T.D. 4186 Packer Set At ----

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

Flowing Pumping X Gas Lift Oil Water 39°

Casing Size 4 1/2" OD Weight 10.5# I.D. Sat At 4224' Perforations 4144 To 4155

Tubing Size 2 3/8" OD Weight 4.7# I.D. Sat At 4170 Perforations To

Pretest: Starting Date 7-27-93 Time 10:00 Ending Date 7-28-93 Time 10:00 Duration Hrs. 24

Test: Starting Date 7-28-93 Time 10:00 Ending Date 7-29-93 Time 10:00 Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

| Producing Wellhead Pressure | | | Separator Pressure | | | Choke Size | | | | |
|-----------------------------|---------|----------------|--------------------|--------|--------------|------------|--------|-----------------|-------|------|
| Casing: | Tubing: | | | | | | | | | |
| Bbls./In. | Tank | Starting Gauge | | | Ending Gauge | | | Net Prod. Bbls. | | |
| | Size | Number | Feet | Inches | Barrels | Feet | Inches | Barrels | Water | Oil |
| Pretest: | 250 | 126765 | 6 | -- | 120.20 | 6 | 3 | 125.20 | 40.00 | 5 |
| Test: | 250 | 126764 | 1 | 6 | 30.10 | 1 | 9 1/2 | 35.95 | 40.00 | 5.85 |
| Test: | | | | | | | | | | |

GAS PRODUCTION OBSERVED DATA

| Orifice Meter Connections | | | Orifice Meter Range | | | | | |
|---------------------------|------------------------|--------------|------------------------------|----------|------------------|--------------|---------------|-----------|
| Pipe Taps: | Flange Taps: | X | Differential: | 50 | Static Pressure: | 1000 | | |
| Measuring Device | Run-Prover-Tester Size | Orifice Size | Meter-Prover-Tester Pressure | | Diff. Press. | Gravity | Flowing Temp. | |
| | | | In.Water | In.Merc. | Psig or (Pd) | (hw) or (hd) | Gas (Gg) | Temp. (t) |
| Orifice Meter | | | | | | | | 60° |
| Critical Flow Prover | | | NO GAS | | | | | |
| Orifice Well Tester | | | | | | | | |

GAS FLOW RATE CALCULATIONS (R)

| Coeff. (Fb)(Fp)(OWTC) | Meter-Prover Press.(Paia)(Pm) | Extension $\sqrt{hw \times Pm}$ | Gravity Factor (Fg) | Flowing Temp. Factor (Ft) | Deviation Factor (Fpv) | Chart Factor (Fd) |
|-----------------------|-------------------------------|---------------------------------|---------------------|---------------------------|------------------------|-------------------|
| 08-24-93 | | | | 1.000 | 1.000 | 1.000 |

Gas Proved MCFD Flow Rate (R): -0- Oil Prod. Bbls./Day: 6 Gas/Oil Ratio (GOR) - 0- 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 18th day of August 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.

RECEIVED STATE CORPORATION COMMISSION

AUG 24 1993 WICHITA, KANSAS

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