

NP

STATE OF KANSAS - CORPORATION COMMISSION
 PRODUCTION TEST & GOR REPORT

Conservation Division Form C-5 Revised

TYPE TEST: (Initial) Annual Workover Reclassification TEST DATE: 1-30-96

Company ANADARKO PETROLEUM Lease HANKE B Well No. #4

County STEVENS Location 1980 ENL + 2080 FEL Section 14 Township 31^S Range 35^W Acres

Field CHURCHMAN BIBLE Reservoir CHESTER Pipeline Connection

Completion Date 11-95 Type Completion (Describe) OIL Plug Back T.D. 5695 Packer Set At

Production Method: Pumping Type Fluid Production OIL + H₂O API Gravity of Liquid/Oil 42.4

Flowing Pumping Gas Lift Weight I.D. Set At Perforations To

Casing Size 5.500 Weight 15.5# I.D. 4.950 Set At 5763 Perforations 5592 To 5615

Tubing Size 2.375 Weight 4.70 I.D. 1.995 Set At 5648 Perforations N.A. To N.A.

Pretest: Starting Date 1-28-96 Time 9:00 AM Ending Date 1-29-96 Time 9:00 AM Duration Hrs. 24

Test: Starting Date 1-29-96 Time 9:00 AM Ending Date 1-30-96 Time 9:00 AM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure Casing: 26 Tubing: 27 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: | | 23024 | 3 | 0 | 60.12 | 6 | 11 | 138.61 | 22 | 78.49 |
| Test: | | 23027 | 6 | 11 | 138.61 | 9 | 11 | 198.73 | 20 | 60.1 |
| Test: | | | | | | | | | | |

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections Orifice Meter Range

| Pipe Taps: | Flange Taps: | Differential: | Static Pressure: | Flowing Temp. (t) |
|----------------------|--------------|---------------|------------------|-------------------|
| | | | | |
| Orifice Meter | | | | |
| Critical Flow Prover | 2 | 0.375 | 26 | |
| Orifice Well Tester | | | | |

GAS FLOW RATE CALCULATIONS (R)

| Coeff. MCFD (Fb)(Fp)(OWTC) | Meter-Prover Press. (P _{ma})(P _m) | Extension √hw x P _m | Gravity Factor (F _g) | Flowing Temp. Factor (F _t) | Deviation Factor (F _{pv}) | Chart Factor (F _d) |
|----------------------------|---|--------------------------------|----------------------------------|--|-------------------------------------|--------------------------------|
| | | | | | | |

Gas Prod. MCFD Flow Rate (R): 110 Oil Prod. Bbls./Day: Gas/Oil Ratio (GOR) = 1.8302 Cubic Ft. per Sbl.

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 30th day of JANUARY 19 96

Gary Winters
 For State

John Baker
 For Company

For Offset Operator