

STATE OF KANSAS - CORPORATION COMMISSION
PRODUCTION TEST & GOR REPORT

Conservation Division

Form C-5 Revised

TEST: Initial Annual Workover Reclassification TEST DATE: 11-14-85

Lease Well No. Mobil Oil Corp. Glen Marcellus 0 1/2"

County Location Section Township Range Acres Stevens C SE SE 25 32 35

Field Reservoir Pipeline Connection North Shuck St. Louis Northern Natural

Completion Date Type Completion(Describe) Plug Back T.D. Packer Set At 7-6-85 6174 5991

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

Flowing / Pumping Gas Lift Siltwater & Oil 42.0

Casing Size Weight I.D. Set At Perforations To 5 1/2 15.5 4.950 6396 609.2 61-23

Tubing Size Weight I.D. Set At Perforations To 2 7/8 6.5 2.441 6165

Pretest: Starting Date Time Ending Date Time Duration Hrs.

Test: Starting Date 11-13-85 Time 1:45 Ending Date 11-14-85 Time 1:45 PM Duration Hrs. 24

OIL PRODUCTION OBSERVED DATA

Producing Wellhead Pressure Separator Pressure Choke Size

Casing: Tubing: 220

Table with columns: Bbls./In., Tank (Size, Number), Starting Gauge (Feet, Inches, Barrels), Ending Gauge (Feet, Inches, Barrels), Net Prod. Bbls. (Water, Oil). Rows include Pretest and two Test entries.

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections Orifice Meter Range

Pipe Taps: Flange Taps: Differential: Static Pressure:

Table with columns: Measuring Device, Run-Prover-Tester Size, Orifice Size, Meter-Prover-Tester Pressure (In. Water, In. Merc., Psig or (Pd)), Diff. Press. (hw) or (hd), Gravity Gas (Gg), Flowing Temp. (t). Rows include Orifice Meter, Critical Flow Prover, and Orifice Well Tester.

GAS FLOW RATE CALCULATIONS (R)

Table with columns: Coeff. MCFD (Fb)(Fp)(OWTC), Meter-Prover Press. (Psia)(Pm), Extension sqrt(hw x Pm), Gravity Factor (Fg), Flowing Temp. Factor (Ft), Deviation Factor (Fpv), Charts Factor (Fd). Values: 16.01, 85, 39.02, 1.199, .9962.

Gas Prod. MCFD Flow Rate (R): 746 Oil Prod. Bbls./Day: 22 Gas/Oil Ratio (GOR) = 33.909 Cubic Ft. per Bbl.

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 14th day of November 19 85

For Offset Operator For State For Company