STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

15-171-20481-0000

OPERATOR Wabash LOCATION OF WELL 1980 NL 660 E
LEASE Striker OF SEC. 1 T 18 R 32
WELL NO. 3 COUNTY Scott
FIELD _____ PRODUCING FORMATION Cherokee
Date Taken 12-30-98 Date Effective 12-30-98
Well Depth 4643 Top Prod. Form _____ Perfs 4548-52
Casing: Size 5½ Wt. _____ Depth 4636 Acid _____
Tubing: Size 2⅜" Depth of Perfs 4548-52 Gravity 28
Pump: Type RWA-THD Bore 1½" X 12 Purchaser Texaco
Well Status Pumping
Pumping, flowing, etc.

TEST DATA

Permanent _____ Field _____ Special _____
Flowing _____ Swabbing _____ Pumping _____

STATUS BEFORE TEST:
PRODUCED 24 HOURS
SHUT IN _____ HOURS
DURATION OF TEST 24 HOURS _____ MINUTES _____ SECONDS
GAUGES: WATER Trace INCHES _____ PERCENTAGE
OIL 12.3 INCHES _____ PERCENTAGE
GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 29 BBL
WATER PRODUCTION RATE (BARRELS PER DAY) Trace
OIL PRODUCTION RATE (BARRELS PER DAY) 29 BBL PRODUCTIVITY
STROKES PER MINUTE 7
LENGTH OF STROKE 64 INCHES
REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.
COMMENTS _____

WITNESSES:
Michael J. Maier
FOR STATE

FOR OPERATOR

FOR OFFSET

Rec'd 12-30-98

STATE OF KANSAS - CORPORATION COMMISSION
PRODUCTION TEST & GOR REPORT

Conservation Division — Form C-5 Revised

TYPE TEST: Initial · Annual · Workover · Reclassification — TEST DATE:

Company — Lease — Well No.

County — Location — Section — Township — Range — Acres

Field — Reservoir — Pipeline Connection

Completion Date — Type Completion(Describe) — Plug Back T.D. — Packer Set At

Production Method: Flowing · Pumping · Gas Lift — Type Fluid Production — API Gravity of Liquid/Oil

Casing Size — Weight — I.D. — Set At — Perforations — To

Tubing Size — Weight — I.D. — Set At — Perforations — To

Pretest: Starting Date — Time — Ending Date — Time — Duration Hrs.

Test: Starting Date — Time — Ending Date — Time — Duration Hrs.

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:										
Test:										
Test:										

GAS PRODUCTION OBSERVED DATA

Orifice Meter Connections — Orifice Meter Range

Pipe Taps: — Flange Taps: — Differential: — Static Pressure:

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)
Orifice Meter								
Critical Flow Prover								
Orifice Well Tester								

GAS FLOW RATE CALCULATIONS (R)

Coeff. MCFD (Fb)(Fp)(OWTC)	Meter-Prover Press.(Psia)(Pm)	Extension $\sqrt{hw \times Pm}$	Gravity Factor (Fg)	Flowing Temp. Factor (Ft)	Deviation Factor (Fpv)	Chart Factor(Fd)

Gas Prod. MCFD Flow Rate (R): — Oil Prod. Bbls./Day: — Gas/Oil Ratio (GOR) = — 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 _____ day of _____ 19____

For Offset Operator — For State — For Company