STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

5-193-20656-00-00

OPERATOR Ritchie Exploration Inc.

LOCATION OF WELL WA W2 WA NE

LEASE Franklin

OF SEC. 11 T 60 R 33 W

WELL NO. 1

COUNTY Thomas

FIELD Albeare

PRODUCING FORMATION LKC & Pawnee

Date Taken 3-25-97

Date Effective

Well Depth 4580

Top Prod. Form Perfs 4060-62, 4145-54

Casing: Size 4 ½ Wt. Depth 4574 Acid 4346-62

Tubing: Size 2 3/8 Depth of Perfs

Gravity 35.6

Pump: Type Inset Bore 2 x 1 1/2 x 12

Purchase Texaco

WELL STATUS

Pumping, flowing, etc.

TEST DATA

Permanent X Field Special

Flowing Swabbing Pumping

STATUS BEFORE TEST:

PRODUCED _____ HOURS

SHUT IN _____ HOURS

DURATION OF TEST 0 HOURS 16 MINUTES 0 SECONDS

GAUGES: WATER INCHES 56 PERCENTAGE

OIL INCHES 44 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 90.00

WATER PRODUCTION RATE (BARRELS PER DAY) 50.40

OIL PRODUCTION RATE (BARRELS PER DAY) 39.60

PRODUCTIVITY

STROKES PER MINUTE 9 1/4

LENGTH OF STROKE 5 4 INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS

WITNESSES:

Marvin Miller

FOR STATE

Doug Barrow

FOR OPERATOR

FOR OFFSET