STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR Ritchie Exp. Inc. LOCATION OF WELL NE - NE - SW
LEASE White
WELL NO. 23 COUNTY Graham
FIELD

Date Taken 3 - 27 - 84 Date Effective

Well Depth 3747 ft Top Prod. Form 3 4/3, Perfs 3,501 - 3,593
Casing: Size 5 3/4 in. Depth 3,128 ft Acid 2150.68 11 - 2 - 83
Tubing: Size 2 7/8 in. Depth of Perfs 3,712 ft Gravity 3.7 4
Pump: Type Insert Bore 2 7/8 x 1 1/2 x 12 in. Purchaser Koch
Well Status Pumping, flowing, etc.

TEST DATA
Permanent Field Special

Flowing Swabbing Pumping

STATUS BEFORE TEST:
PRODUCED 24 HOURS
SHUT IN 0 HOURS

DURATION OF TEST 17 MINUTES 2 SECONDS

GAUGES: WATER 14 3/4 INCHES 58 PERCENTAGE
       OIL 10 3/4 INCHES 42 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 103
WATER PRODUCTION RATE (BARRELS PER DAY) 60.17
OIL PRODUCTION RATE (BARRELS PER DAY) 42.23

PRODUCTIVITY
STROKES PER MINUTE 12
LENGTH OF STROKE 5 4 INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS Initial Test

WITNESSES:
FOR STATE
FOR OPERATOR

Wichita, Kansas

APR - 1 1986
CONSERVATION DIVISION
Wichita, Kansas