STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR Ritchie Exp. Inc. LOCATION OF WELL SW-21W-3E
LEASE Axy OF SEC. 13 T 6 R 22 WELL NO. 2 COUNTY Graham
FIELD PRODUCING FORMATION Lansing

Date Taken 2-29-80 Date Effective

Well Depth 3,860 Top Prod. Form 3,705 Perfs 3703 - 59
Casing: Size 4 3/4 Wt. 10.5 Depth 3814 Acid 4800 gal
Tubing: Size 2 Depth of Perfs 3687 - 3691 Gravity 3.5 - 60
Pump: Type Quick Bore 15 1/2 x 2' x 12' Purchaser Koch

Well Status Pumping, flowing, etc.

TEST DATA

Permanent Field Special
Flowing Swabbing Pumping

STATUS BEFORE TEST:

PRODUCED 2 1/2 HOURS
SHUT IN 0 HOURS

DURATION OF TEST 2 HOURS 20 MINUTES 0 SECONDS

GAUGES: WATER 9 5/8 INCHES 35 PERCENTAGE
OIL 15 1/2 INCHES 62 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 72
WATER PRODUCTION RATE (BARRELS PER DAY) 27.40
OIL PRODUCTION RATE (BARRELS PER DAY) 44.60

PRODUCTIVITY

STROKES PER MINUTE 11
LENGTH OF STROKE 44 INCHES
REGULAR PRODUCING SCHEDULE 2.4 HOURS PER DAY.

COMMENTS I initial Test

____________________________________________________
____________________________________________________
____________________________________________________
____________________________________________________

WITNESSES:

FOR STATE FOR OPERATOR FOR OFFSET

APR 7 1980

CONSERVATION DIVISION
Wichita, Kansas