

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

13-065-22244-00-01

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OPERATOR Ritchie Expl LOCATION OF WELL SE SW NW NE
 LEASE Ary OF SEC. 13 T 6 R 22 W
 WELL NO. 1 COUNTY Graham
 FIELD Boyo Southwest PRODUCING FORMATION Oread
 Date Taken 3-22-91 Date Effective _____
 Well Depth TD-3860 PB-3540 Top Prod. Form _____ Perfs 3484-86
 Casing: Size 5 1/2 Wt. _____ Depth 3859 Acid _____
 Tubing: Size 2 3/8 Depth of Perfs 3536 Gravity 33
 Pump: Type Insect Bore 1 1/2 Purchaser Koch
 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 _____ HOURS 33 MINUTES 20 SECONDS

GAUGES: WATER _____ INCHES 99 PERCENTAGE
 OIL _____ INCHES 1 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 43.20
 WATER PRODUCTION RATE (BARRELS PER DAY) 42.80
 OIL PRODUCTION RATE (BARRELS PER DAY) .43 PRODUCTIVITY
 STROKES PER MINUTE 11 1/2
 LENGTH OF STROKE 34 INCHES
 REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS _____

WITNESSES:

Marvin D. Miller
 FOR STATE

Robert [Signature]
 FOR OPERATOR

FOR OFFSET

RECEIVED
 STATE CORPORATION COMMISSION

MAR 27 1991

CONSERVATION DIVISION
 Wichita, Kansas