STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST  15-193-20652-00-00
BARREL TEST

OPERATOR  Ritchie Exploration Inc  LOCATION OF WELL  C S E N W
LEASE  E. Shughart  OF SEC. 11 T 60 R 33 W
WELL NO.  2  COUNTY  Thomas
FIELD  PRODUCING FORMATION  LKC

Date Taken  Aug 8, 1994  Date Effective  

Well Depth  4570  Top Prod. Form  Perfs

Casing: Size  4 1/2  Wt.  Depth  4282  Acid
Tubing: Size  2 3/8  Depth of Perfs  4157-4160  Gravity
Pump: Type  Inset  Bore  2x1 1/2x12  Purchaser  Koch

Well Status  Pumping, flowing, etc.

TEST DATA
Permanent  Field  Special  

Flowing  Swabbing  Pumping  X

STATUS BEFORE TEST:

PRODUCED  HOURS
SHUT IN  HOURS

DURATION OF TEST  1 HOURS  21 MINUTES  15 SECONDS

GAUGES:  WATER  INCHES  44  PERCENTAGE
OIL  INCHES  50  PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY)  17.72
WATER PRODUCTION RATE (BARRELS PER DAY)  7.80
OIL PRODUCTION RATE (BARRELS PER DAY)  9.92

PRODUCTIVITY
STROKES PER MINUTE  5 1/4
LENGTH OF STROKE  4 4 INCHES
REGULAR PRODUCING SCHEDULE  24 HOURS PER DAY.

COMMENTS


WITNESSES:

For State  For Operator  For Offset

[Signatures]

[Date]