

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

15-101-21528-0000

PRODUCTIVITY TEST
BARREL TEST

OPERATOR Ritchie Exploration, Inc. LOCATION OF WELL NW SE SW
 LEASE Schwartz OF SEC. 25 T 19 S R 28 W
 WELL NO. 1 COUNTY Lane
 FIELD _____ PRODUCING FORMATION LKC
 Date Taken 3-20-90 Date Effective _____
 Well Depth 4652' (4618' PB) Top Prod. Form 3974' Perfs 4246'-50'
 Casing: Size 4 1/2" Wt. _____ Depth 4637' Acid yes
 Tubing: Size 2 3/8" Depth of Perfs _____ Gravity 36°
 Pump: Type Insert 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 0 HOURS
 DURATION OF TEST 24 HOURS 0 MINUTES 0 SECONDS
 GAUGES: WATER _____ INCHES _____ PERCENTAGE
 OIL _____ INCHES _____ PERCENTAGE
 GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 76
 WATER PRODUCTION RATE (BARRELS PER DAY) 46
 OIL PRODUCTION RATE (BARRELS PER DAY) 30 PRODUCTIVITY
 STROKES PER MINUTE 12
 LENGTH OF STROKE 54 INCHES
 REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS _____

WITNESSES:

Dan Johnson FOR STATE
Mason Perry FOR OPERATOR
 _____ FOR OFFSET

MAR 27 1990