STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION
15-065-22134-00-00

PRODUCTIVITY TEST
BARREL TEST

OPERATOR Ritchie Exp. Inc. LOCATION OF WELLS 8, NE-NE-NW
LEASE Nola Frazee OF SEC. 7 T 24 R 31
WELL NO. 2 COUNTY Pottawatomie
FIELD PRODUCING FORMATION LKC

Date Taken 3-28-84 Date Effective

Well Depth: 3700 ft Top Prod. Form 3444 Perfs 3447-3700
Casing: Size: 5 1/2 In. Depth: 3700 Acid: 4000 Fb: 2-25-85
Tubing: Size: 2 7/8 Depth of Perfs: 3450 Gravity: 37 1/2 60°
Pump: Type: Invert. Bore: 2 1/2 x 1/2 x 12. Purchaser: Koch

Well Status: Pumping, flowing, etc.

TEST DATA

Permanent X Field Special
Flowing Swabbing Pumping X

STATUS BEFORE TEST:

PRODUCED 24 HOURS
SHUT IN 0 HOURS

DURATION OF TEST 24 HOURS 24 MINUTES 0 SECONDS

GAUGES: WATER 4 1/2 INCHES 18 PERCENTAGE
OIL 20 1/2 INCHES 82 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 60
WATER PRODUCTION RATE (BARRELS PER DAY) 18
OIL PRODUCTION RATE (BARRELS PER DAY) 42

PRODUCTIVITY

STROKES PER MINUTE 10
LENGTH OF STROKE 3 1/2 INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS Initialed Test

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WITNESSES: [Signatures]

FOR STATE FOR OPERATOR FOR OFFSET