STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR: Ritchie Exp. Inc.
LOCATION OF WELL: SW NW SE NW
LEASE: White
OF SEC: 21 NW 9
WELL NO.: 1
COUNTY: Graham

FIELD PRODUCING FORMATION: LAC

Date Taken: 3-29-86
Date Effective:

Well Depth: 3720'UB Top Prod. Form: Lansing 7447
Perfs: 3447 - 3412' Depth: 3729 Acid: 2400 gal

Casing: Size: 5 3/4" Wt.: 144' Depth: 3729
Tubing: Size: 2 7/8" Depth of Perfs: 3612 - 3615' Gravity: 37.4 @ 60

Pump: Type: Integral Bore: 2 5/8" x 1 1/2" x 12'

Purchaser: Koch

Well Status: Pumping

Pumping, flowing, etc.

TEST DATA

Permanent: X
Field: Special
Special

Flowing: Swabbing: Pumping: X

STATUS BEFORE TEST:

PRODUCED: 24
HOURS

SHUT IN: HOURS

DURATION OF TEST: HOURS 18 MINUTES SECONDS

GAUGES: WATER: 8 2/5 INCHES 37 PERCENTAGE
OIL: 16 1/2 INCHES 66 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 80.90

WATER PRODUCTION RATE (BARRELS PER DAY) 20.12

OIL PRODUCTION RATE (BARRELS PER DAY) 51.78 PRODUCTIVITY

STROKES PER MINUTE: 8 1/2

LENGTH OF STROKE: 54 INCHES

REGULAR PRODUCING SCHEDULE: 24 HOURS PER DAY.

COMMENTS: Initial Test

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WITNESSES:
FOR STATE
FOR OPERATOR
FOR OFFSET

APR 7 1986
CONSERVATION DIVISION
Wichita, Kansas