

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR PL Abramsonbie LOCATION OF WELL SW SW SW
LEASE Michaelis OF SEC. 15 T 12 R 33
WELL NO. 4 COUNTY LOGAN
FIELD OWEN PRODUCING FORMATION LKC - S

Date Taken 2-8-96 Date Effective _____

Well Depth 4720 PBTD 4685 Top Prod. Form 4110 Perfs 4111-14 4120-24 4185-88

Casing: Size 4 1/2 Wt. _____ Depth 4688 Acid 4201-46 2500 1-2-96

Tubing: Size 2 3/8 4235 Depth of Perfs _____ Gravity 32.5

Pump: Type INJECT Bore 1 1/2 x 12 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 0 HOURS 26 MINUTES 0 SECONDS

GAUGES: WATER _____ INCHES 1R PERCENTAGE

OIL _____ INCHES 100 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 55.38

WATER PRODUCTION RATE (BARRELS PER DAY) TRACE

OIL PRODUCTION RATE (BARRELS PER DAY) 55.38 PRODUCTIVITY

STROKES PER MINUTE 8

LENGTH OF STROKE 54 INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS _____

02-15-96

WITNESSES:

Martin Miller
FOR STATE

Walt Truh
FOR OPERATOR

FOR OFFSET