

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR Union Pacific Resources LOCATION OF WELL 660 FSL ? 660 FEL
 LEASE C.R. Fischer "D" OF SEC. 13 T 24 R 35
 WELL NO. 1-13 COUNTY Kearny
 FIELD Deerfield PRODUCING FORMATION MARMATON ? Lansing / K.C.
 Date Taken 4-5-89 Date Effective APR 1 1989
 Well Depth 5000' Top Prod. Form 4216' Perfs 4410-15 / 4375-94 / 4216-24'
 Casing: Size 5 1/2 Wt. 14# Depth 4982 Acid _____
 Tubing: Size 2 3/8 Depth of Perfs 4415' Gravity _____
 Pump: Type BHA Insert Bore 2" x 1 1/2" Purchaser K.O.C.H.
 Well Status Pumping flowing, etc.

TEST DATA

Permanent Field _____ Special _____
 Flowing _____ Swabbing _____ Pumping

RECEIVED
STATE CORPORATION COMMISSION

STATUS BEFORE TEST:

PRODUCED 24 HOURS
 SHUT IN 0 HOURS

DURATION OF TEST 24 HOURS 0 MINUTES 0

GAUGES: WATER 3'0" INCHES 74% PERCENTAGE
 OIL 8'3" INCHES 26% PERCENTAGE

APR 15 1989
4-13-89
CONSERVATION DIVISION
Wichita, Kansas

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 96.90
 WATER PRODUCTION RATE (BARRELS PER DAY) 72.00
 OIL PRODUCTION RATE (BARRELS PER DAY) 24.90 PRODUCTIVITY
 STROKES PER MINUTE 12
 LENGTH OF STROKE 50 INCHES
 REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS This well was recompleted 2-1-89 into the Lansing / K.C. zone
4216-24'. TEST TAKEN @ 2:00pm ON 4-5-89

WITNESSES:

x James Rapp FOR STATE
Mike Ruen FOR OPERATOR
 _____ FOR OFFSET