STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

LOCATIONS OF WELL: C-5W-9E

WELL NO. 3

FIELD PENN

DATE TAKEN: 7-21-86

DATE EFFECTIVE: 12-19-86

WELL DEPTH: 3911

TOP PROD. FORM: 3-387

PERFS: 3-41 - 3-66

CASING: 4 1/2" W.T. 16.5 DR. 4013

ACID: 3000 gal 12-26-85

TUBING: 2 3/8" DEPTH OF PERFS 3911

GRAVITY: 38

PUMP: RVAC, BORE 26-125

PURCHASER:

TEST DATA

PERMANENT X FIELD SPECIAL

FLOWING SWABBING PUMPING X

STATUS BEFORE TEST:

PRODUCED 24 HOURS

SHUT IN 0 HOURS

DURATION OF TEST 34 MINUTES 37 SECONDS

GAUGES: WATER: 1/2 INCHES 6 PERCENTAGE

OIL: 93 3/4 INCHES 97 PERCENTAGE

GROSS FLUID PRODUCTION RATE (Barrels Per Day) 44.95

WATER PRODUCTION RATE (Barrels Per Day) 2.69

OIL PRODUCTION RATE (Barrels Per Day) 42.26

PRODUCTIVITY

STROKES PER MINUTE 9

LENGTH OF STROKE 6 7/8 INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS

INITIAL TEST:

WITNESSES:

FOR STATE: Gerald Balderon

FOR OPERATOR: James L. Log

RECEIVED COMM. DIV. NO. 90

FOR OFFSET DUE 2-28-86

07-30-86