STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR Liberty Operating & Co., Inc.
LEASE 9-5630, W 1/4 SE 1/2, SE 1/2
LOCATION OF WELL 9-5630, W 1/4 SE 1/2

WELL NO. 24
COUNTY Rooks

FIELD Test 9-5630
PRODUCING FORMATION Arbuckle Sr.

Date Taken 9-22-84
Date Effective

Well Depth 3712.7
Top Prod. Form 3672.7
Perfs 3687-3672

Casing: Size 4 1/4
Wt. Depth 3726
Acid 250

Tubing: Size 2 3/8
Depth of Perfs 3712.59
Gravity 39.2 @ 60°

Pump: Type Inlet X 1/2 X 12
Bore Purchaser Formland

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 29 1/2 INCHES 90 PERCENTAGE
OIL 2 1/4 INCHES 10 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 60.44
WATER PRODUCTION RATE (BARRELS PER DAY) 54.39
OIL PRODUCTION RATE (BARRELS PER DAY) 6.05

PRODUCTIVITY
STROKES PER MINUTE 25.8
LENGTH OF STROKE 4 1/4 INCHES
REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS Initial Test.

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WITNESSES:

FOR STATE

FOR OPERATOR

FOR OFFSET

AUG 27 1986