STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR: Thunderbird Oil Co.
LOCATION OF WELL: 100' NE of SE of Sec. 2 T 17 R 21 N

LEASE: Britt
OF SEC. 2 T 17 R 21 N

WELL NO.: 1
COUNTY: Brown

FIELD: NE
PRODUCING FORMATION: X, K, E

Date Taken: May 18, 1987
Date Effective: MAY 1 1987

Well Depth: 3796
Top Prod. Form: 3445
Perfs: 3450 to 3460

Casing: Size: 5 1/2
Wt.: Depth: 3795
Acid: None

Tubing: Size: 2
Depth of Perfs: 3486
Gravity: 35.3

Pump: Type: Descent
Bore: 1 1/2
Purchaser: ____________

Well Status: ____________
Pumping, flowing, etc.

TEST DATA

PERMANENT
FIELD
SPECIAL

FLOWING
Swabbing
Pumping

STATUS BEFORE TEST:

PRODUCED ____________ HOURS
SHUT IN ____________ HOURS

DURATION OF TEST ____________ HOURS 16 MINUTES 15 SECONDS

GAUGES:
WATER ____________ INCHES 15 PERCENTAGE
OIL ____________ INCHES 85 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 88.5

WATER PRODUCTION RATE (BARRELS PER DAY) 13.2

OIL PRODUCTION RATE (BARRELS PER DAY) 75.3

PRODUCTIVITY

STROKES PER MINUTE 8

LENGTH OF STROKE 48 INCHES

REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS ____________

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WITNESSES:

[Signatures]

FOR STATE

FOR OPERATOR

STATE CORPORATION COMMISSION

FOR OFFSET

CONSERVATION DIVISION
Wichita, Kansas

MAY 18 1987
S-27-87