PRODUCTIVITY TEST
BARREL TEST

OPERATOR: Thunderbird Oil Inc.
LOCATION OF WELL: NE 5E SW NW

LEASE: Pavia B, OF SEC. 2 T 7 R 21

WELL NO.: 1
COUNTY: OH
FIELD: PRODUCING FORMATION: LNE

Date Taken: 10-15-87 Date Effective:

Well Depth: 3795 feet Prod. Form: 3455 - Perfs: 3750 - 3745
Casing: Size: 5 3/4 feet Depth: 3795 Acid: None
Tubing: Size: 2 Depth of Perfs: Gravity: 37.6 - @ 60°
Pump: Type: Insert Bore: 1 3/4
Purchaser: Clear Creek

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: HOURS: 20 MINUTES: SECONDS

GAUGES: WATER: 1/2 INCHES 20 PERCENTAGE
OIL: 2 1/2 INCHES 98 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY): 7.2
WATER PRODUCTION RATE (BARRELS PER DAY): 1.44
OIL PRODUCTION RATE (BARRELS PER DAY): 70.56 PRODUCTIVITY

STROKES PER MINUTE: 8
LENGTH OF STROKE: 4 1/4 INCHES

REGULAR PRODUCING SCHEDULE: 24 HOURS PER DAY.

COMMENTS

Initial Test

WITNESSES:

FOR STATE: L.L. Anderson
FOR OPERATOR: L.L. Anderson

RECEIVED: OCT 23 1987
STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

Wichita, Kansas 18-23-87