

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR National Petroleum Reserves Inc. LOCATION OF WELL NW, NE, NE
 LEASE Gill OF SEC. 35 T 16 R 29
 WELL NO. 2 COUNTY Lane
 FIELD Terwilliger North PRODUCING FORMATION LKC
 Date Taken 11-29-88 Date Effective DEC 1 1988
 Well Depth 4620' Top Prod. Form 3963' Perfs 4225 - 4227'
 Casing: Size 5 1/2" Wt. 14 # Depth 4616' Acid yes
 Tubing: Size 2 3/8" Depth of Perfs 4230' Gravity 36
 Pump: Type Insert Bore 1 1/2" Purchaser Clear-Creek
 Well Status Pumping
 Pumping, flowing, etc.

TEST DATA

Permanent Field Special
 Flowing Swabbing Pumping ✓

STATUS BEFORE TEST:

PRODUCED 120 HOURS
 SHUT IN 12 HOURS

DURATION OF TEST 24 HOURS 0 MINUTES 0 SECONDS

GAUGES: WATER INCHES PERCENTAGE
 OIL INCHES PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 25
 WATER PRODUCTION RATE (BARRELS PER DAY) 7.0
 OIL PRODUCTION RATE (BARRELS PER DAY) 15 PRODUCTIVITY

STROKES PER MINUTE 8

LENGTH OF STROKE 54 INCHES

REGULAR PRODUCING SCHEDULE 12 HOURS PER DAY

COMMENTS

RECEIVED
 STATE CORPORATION COMMISSION

DEC 5 1988
 12-05-88

CONSERVATION DIVISION
 Wichita Kansas

WITNESSES:

Dan Johnson
 FOR STATE

Myron Rom
 FOR OPERATOR

FOR OFFSET