

15109-70556-0000

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR JOHN O. FARMER INC. LOCATION OF WELL SW SE SE
 LEASE RUBY DIRKS OF SEC. 6 T 13 R 33
 WELL NO. 1 COUNTY LOGAN
 FIELD LOGANSPOT NW PRODUCING FORMATION LKC
 Date Taken 11-13-97 Date Effective _____
 Well Depth 4657 Top Prod. Form _____ Perfs 4097-4101 4129-34
 Casing: Size 5 1/2 Wt. _____ Depth 4650 Acid _____
 Tubing: Size 2 7/8 Depth of Perfs _____ Gravity 33
 Pump: Type INSERT Bore 2 1/2 x 1 1/2 x 8 x 10 x 12 Purchaser FARMLAND
 Well Status Pumping flowing, etc.

TEST DATA

Permanent X Field _____ Special _____
 Flowing _____ Swabbing _____ Pumping _____

STATUS BEFORE TEST:

PRODUCED _____ HOURS
 SHUT IN _____ HOURS

DURATION OF TEST 0 HOURS 26 MINUTES 0 SECONDS

GAUGES: WATER _____ INCHES 46 PERCENTAGE
 OIL _____ INCHES 54 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 55.38
 WATER PRODUCTION RATE (BARRELS PER DAY) 25.47
 OIL PRODUCTION RATE (BARRELS PER DAY) 29.91 PRODUCTIVITY
 STROKES PER MINUTE 7 1/2
 LENGTH OF STROKE 46 INCHES
 REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.
 COMMENTS _____

STATE CORPORATION COMMISSION
 NOV 17 1997
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WITNESSES:

Marvin Miller FOR STATE
Doug Brennan FOR OPERATOR
 _____ FOR OFFSET