STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

OPERATOR Black Diamond Oil
LOCATION OF WELL: C 3/4 - NW - SE
LEASE Sammons, OF Sec. 29 T 6 R 20
WELL NO. 3 COUNTY Rooks
FIELD Todd SE PRODUCING FORMATION LKC

Date taken 11-16-87 Date effective PB 3755
Well Depth 3831 Top prod. Form Perfs 3740 - 3627
Casing: Size 4 1/2 Wt. - Depth 3830 Acid
Tubing: Size 2 3/8 - Depth of Perfs 3752 Gravity 986
Pump: Type Insert Bore 2 x 1/2 - 12

Well Statis Pumping, Pumping, flowing, etc.

STATUS BEFORE TEST:

PRODUCED 24 HOURS
SHUT IN HOURS

DURATION OF TEST HOURS 7 MINUTES 40 SECONDS

GAUGES: WATER .5 INCHES 98 PERCENTAGE
OIL .5 INCHES 2 PERCENTAGE

GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 188
WATER PRODUCTION RATE (BARRELS PER DAY) 184
OIL PRODUCTION RATE (BARRELS PER DAY) 4

PRODUCTIVITY STROKES PER MINUTE 13
LENGTH OF STROKE 64 INCHES
REGULAR PRODUCING SCHEDULE 24 HOURS PER DAY.

COMMENTS Allowable is 4 BBL. Per Day

Initial Test

WITNESSES:

[Signatures]

FOR STATE FOR OPERATOR STATE CORPORATION COMMISSION

CONSERVATION DIVISION
Wichita, Kansas

NOV 21 1987
11-10-57