

STATE CORPORATION COMMISSION OF KANSAS, CONSERVATION DIVISION

PRODUCTIVITY TEST
BARREL TEST

15-065-22940-00-00

OPERATOR Northern Lights Oil Comp. # 5474 LOCATION OF WELL 1520' FNL + 380' FWL
LEASE Marie OF SEC. 12 T 6 R 22W
WELL NO. #1 COUNTY Graham
FIELD _____ PRODUCING FORMATION Congl. + LKC

Date Taken 12-10-2003 Date Effective 12-10-2003
Well Depth 3717' Top Prod. Form. _____ Perfs _____
Casing: Size 5 1/2 Wt. 15.5* Depth 3716' Acid _____
Tubing: Size 2 7/8 Depth of Perfs 3706' Gravity 36'
Pump: Type Insert Bore 2 1/2 x 2" x 12 Purchaser NCRA
Well Status Pumping
Pumping, flowing, etc.

TEST DATA

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

STATUS BEFORE TEST:

PRODUCED 24 HOURS
SHUT IN 0 HOURS
DURATION OF TEST _____ HOURS 10 MINUTES 40 SECONDS
GAUGES: WATER _____ INCHES .8 PERCENTAGE
OIL _____ INCHES 99.2 PERCENTAGE
GROSS FLUID PRODUCTION RATE (BARRELS PER DAY) 135.00
WATER PRODUCTION RATE (BARREL PER DAY) 1.08
OIL PRODUCTION RATE (BARRELS PER DAY) 133.92 PRODUCTIVITY
STROKES PER MINUTE 6.5
LENTH OF STROKE 54 INCHES
REGULAR PRODUCING SCHEDULE 24-7 HOURS PER DAY.
COMMENTS _____

RECEIVED
DEC 15 2003
KCC WICHITA

WITNESSES:

Richard Williams

Kevin Stigler

FOR STATE

FOR OPERATOR

FOR OFFSET