

EXHIBIT NO. UNION Ex 5



CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

WP-3-2174

COMPANY THE PURE OIL COMPANY

FIELD WILDCAT

FILE WP-1-6082

WELL RED HILLS UNIT NO. 1

COUNTY LEA

DATE 8-22-63

LOCATION 530 ES & 2310 FEL SEC 34-T 6S STATE

NEW MEXICO

ELEV. 2819' CF 2849' RT

R35E

CORE-GAMMA CORRELATION

WHOLE CORE

CORE-GAMMA SURFACE LOG

(PATENT APPLIED FOR)

GAMMA RAY

RADIATION INCREASE



BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Exhibit No. 5

Case No. 3158

May 18, 1966

COREGRAPH

TOTAL WATER

PERCENT TOTAL WATER

80 60 40 20 0

PERMEABILITY

MILLIDARCYS

100 50 10 5 1 0.5 0.1

POROSITY

PERCENT

10 5

OIL SATURATION

PERCENT PORE SPACE

0 20 40 60 80

