

EXHIBIT NO. 6



CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

COMPANY THE PURE OIL COMPANY FIELD WILDCAT FILE WP-1-6809
WELL RED HILLS UNIT NO. 1 COUNTY LEA DATE 5-5-66
LOCATION 530' FSL 2310' FEL SEC. 32 STATE NEW MEXICO ELEV. 2819' CF 2049' RI
T-25-S R-35-E

CORE-GAMMA CORRELATION

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

Union Exhibit No. 6
Case No. 3158

May 18, 1966

SLABBED CORE

CORE-GAMMA SURFACE LOG (PATENT APPLIED FOR)

GAMMA RAY
RADIATION INCREASE
→

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 0

OIL SATURATION -----
PERCENT PORE SPACE
0 20 40 60 80

