



WELL **MACKEREL NO. 3**
 COMPANY **ESSO AUSTRALIA P/L**
 COUNTY **GIPPSLAND BASIN**
 STATE **VICTORIA**

WELL LOGGING SERVICE

LEGEND

DEPTH CORRESPONDS TO DRILL
 PIPE MEASUREMENTS.
 NB NEW BIT
 NCB NEW CORE BIT
 DST DRILL STEM TEST
 NR NO RETURNS
 TG TRIP GAS
 CO CIRCULATE OUT RETURNS

LITHOLOGY

SAND
 GRANITE WASH
 LIMESTONE
 SHALE
 GYR ANHYDRITE
 DOLOMITE

CHERT
 LIGNITE

5 of 25

CUTTINGS ANALYSIS

TOTAL GAS _____

METHANE _____

LIQUID HYDROCARBONS
 (C₆+)

OIL TSG 25 50 75

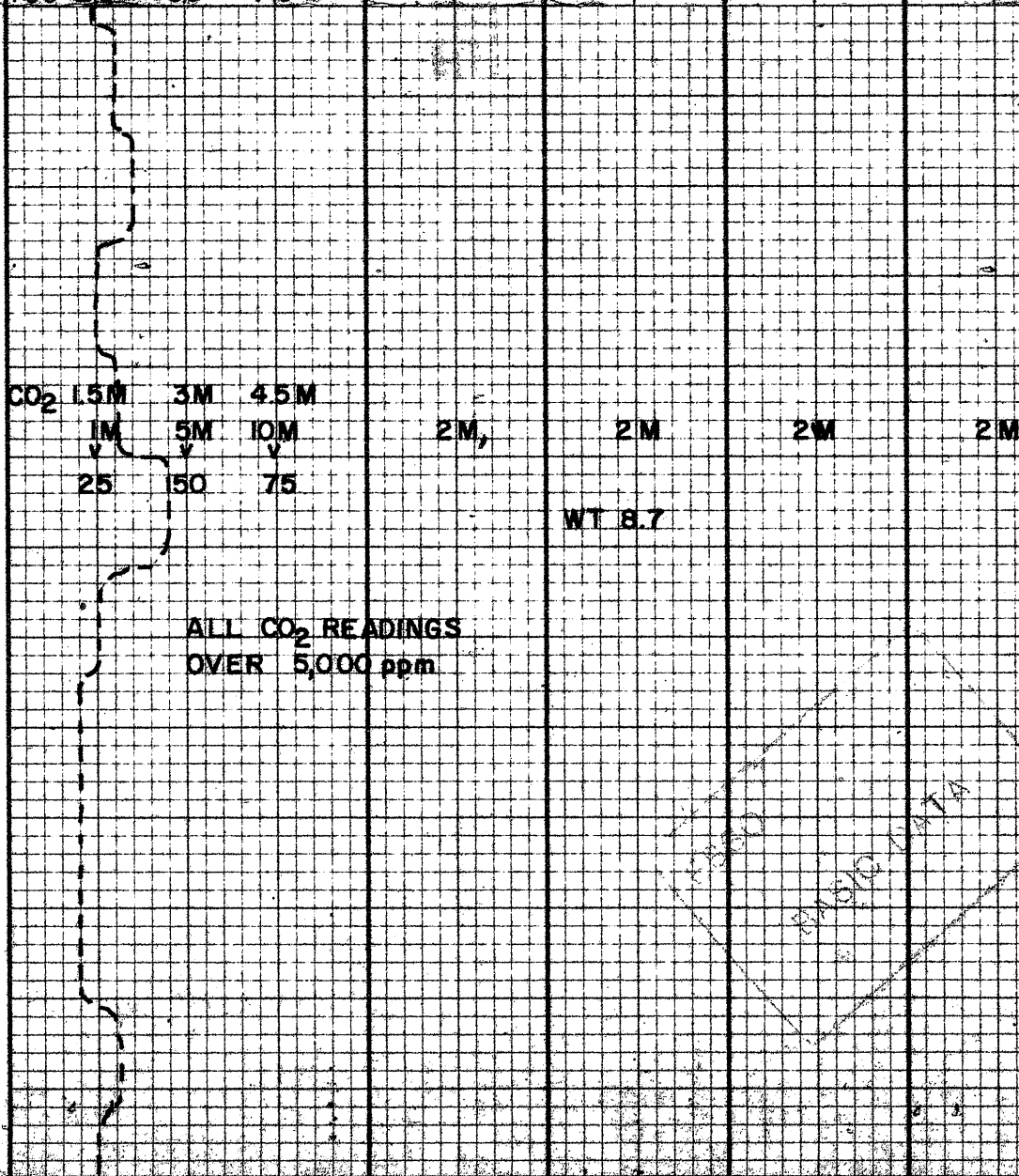
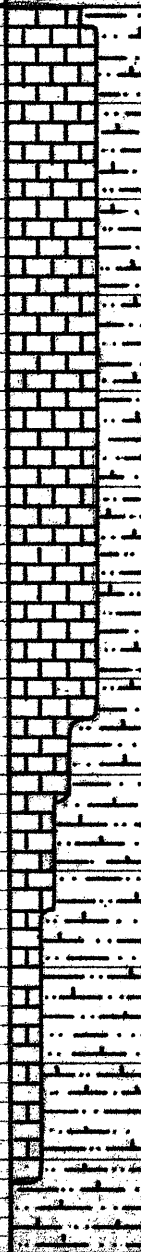
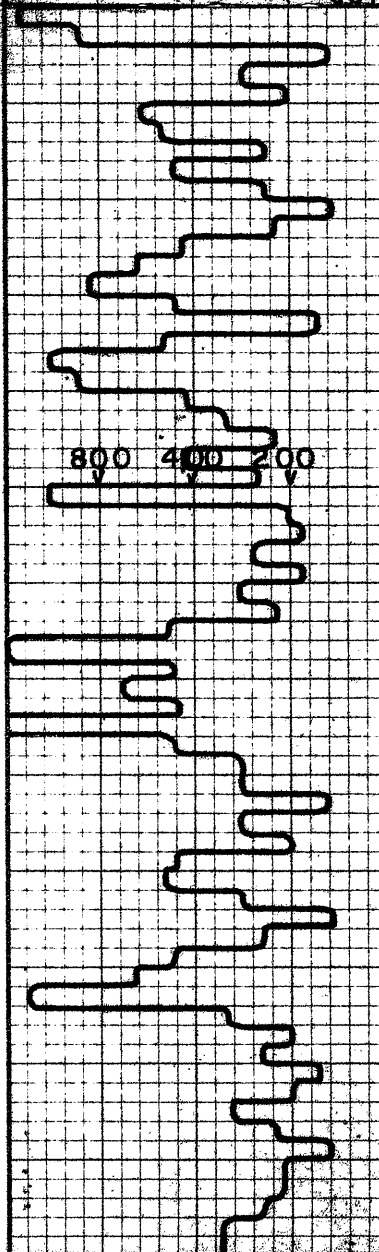
ppm HYDROCARBONS IN MUD M=1000

DRILLING RATE
 FT. PER HR. MIN. PER FT.
 800 400 200
 VISUAL POROSITY
 GST

LITHOLOGY

CO₂ 1.5M 3M 4.5M
 0 1M 5M 10M
 OIL TSG 25 50 75

C₂ 2M
 C₃ 2M
 C₄ 2M
 C₅+ 2M



LS-MED GY HD VUG
 POR GR 1/P

MARL-MED GY SFT
 CALC GLAU
 ABNT FORAMS

25 50 75

WT 8.7

ALL CO₂ READINGS
 OVER 5,000 ppm

MISSING BASIC DATA

LS-A/A PROB CVGS

MARL-MED/DK GY
 SFT/ERM GLAU
 CALC TRS V F
 GR LSE SD

DEPT. NAT. RES & ENV



PE604085