



WELL LOGGING SERVICE

WELL **MACKEREL No. 3**
COMPANY **ESSO AUSTRALIA**
COUNTY **GIPPSLAND BASIN**
STATE **VICTORIA**

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
SHALE
GRANITE WASH
GYR ANHYDRITE
LIME STONE
DOLOMITE
CHERT
LIGNITE

6 of 25

CUTTINGS ANALYSIS

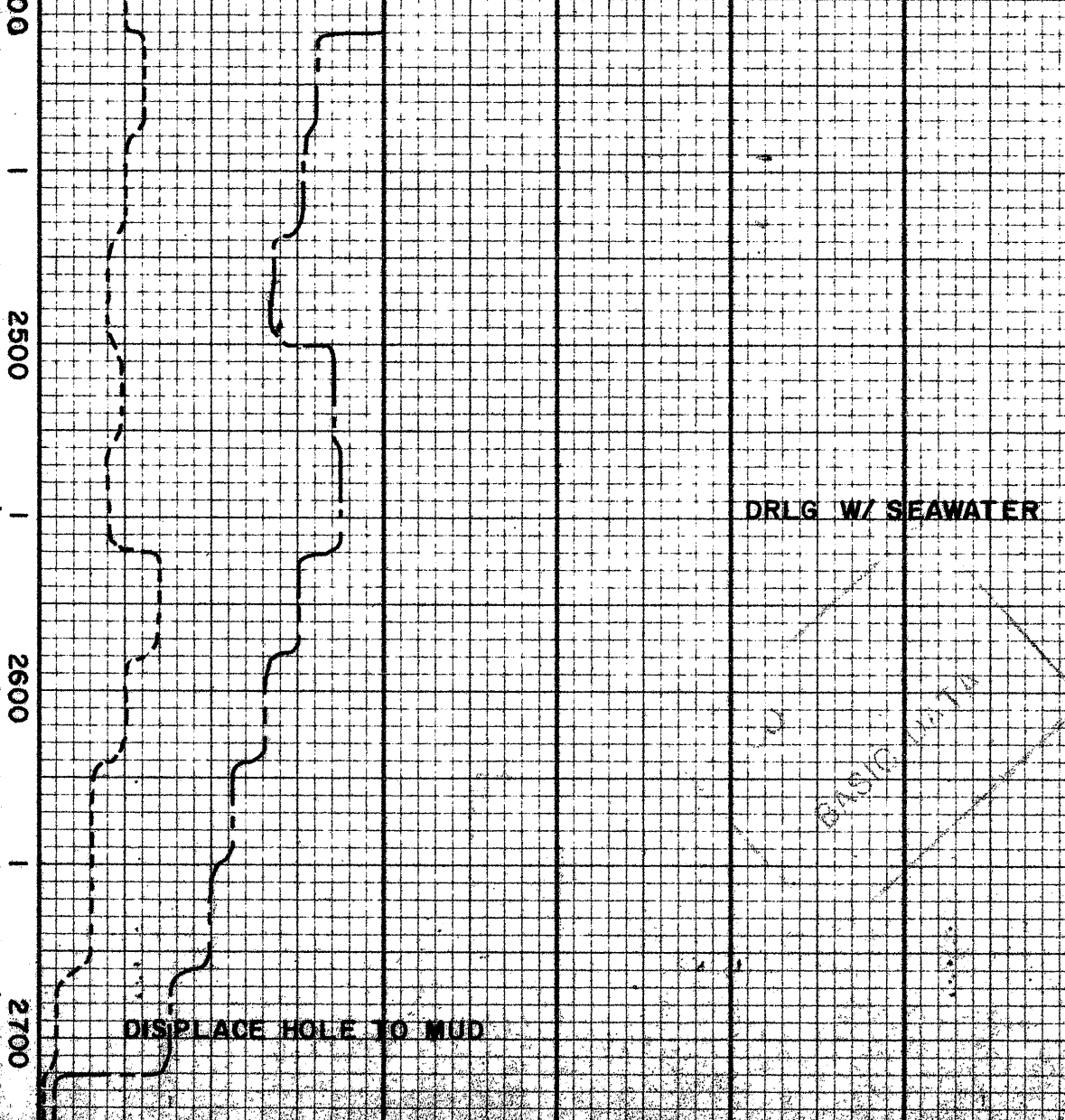
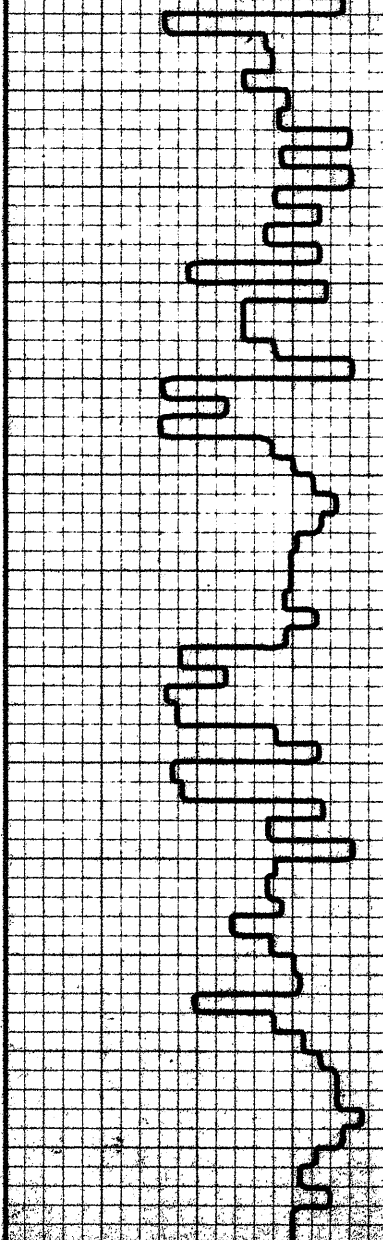
TOTAL GAS _____
METHANE _____
LIQUID HYDROCARBONS (C₆+) _____ 6+ _____
OIL TSG 25 50 75

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

LITHOLOGY

ppm HYDROCARBONS IN MUD M=1000

CO₂ 1.5M 3M 4.5M
OIL 1M 5M 10M
TSG 25 50 75
C₂ 2M
C₃ 2M
C₄ 2M
C₅+ 2M



MARL-LT/MED GY
SFT STKY SL
GLAU CALC
ABNT FOSS B
FORAMS
DRLG W/ SEAWATER
NO GAS READINGS
ON CUTTINGS DET.
MARL-A/A SLTY,
SDY CALC
DEPT. NAT. RES & ENV
PE604086