



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 GRANITE WASH LIME STONE
SHALE GYP ANHYDRITE DOLOMITE

24 of 25
CHERT
LIGNITE

CUTTINGS ANALYSIS

TOTAL GAS _____
METHANE _____
LIQUID HYDROCARBONS (C₆₊) _____ 6+ _____

DRILLING RATE

FEET PER HR. MIN. PER FT.

150 100 50

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

OIL 25 50 75
TSG

SD-WH, M-C GR QTZ,
SR, GLAUC, PYR,
TR COAL

WT-9.8
VIS-42

NO CUTTINGS GAS,
NO H₂S

NO LOG
BASE DATA

SH-A/A

DEPT. NAT. RES & ENV



PE604104