WELL LOGGING SERVICE

WELL MACKEREL NO. 4
COMPANY ESSO AUSTRALIA LTD.
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, CHERT, SHALE, GYP ANHYDRITE, DOLOMITE, LIGNITE

CUTTINGS ANALYSIS

TOTAL GAS _____
METHANE _ _ _ _ _
LIQUID HYDROCARBONS (C_{6+}) ——— 6+ —·—

DRILLING RATE
FT. PER. HR. MIN. PER FT.
300 200 100 VISUAL POROSITY
G S T

LITHOLOGY

ppm HYDROCARBONS IN MUD M=1000

C_1	C_2	C_3	C_4	C_{5+}
0 1M 5M 10M	0 1M	0 1M	0 1M	0 1M
OIL 25 50 75	2500	25		
TSG				

25 50 75
OIL
TSG

2200
2300
2400
25

= MARL-LT GY-GRN, V CALC, SLTY, SFT-GUMMY

DEPT. NAT. RES & ENV
PE603338

TCI 9952 BR-1855 FWL-117 2-61 PRINTED IN U.S.A.