



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 [diagonal lines] GRANITE WASH [cross-hatch] LIME STONE [horizontal lines]
 CHERT [triangles] SHALE [wavy lines] GYP ANHYDRITE [diagonal lines] DOLOMITE [vertical lines]
 LIGNITE [solid black]

CUTTINGS ANALYSIS

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

25 50 75

ppm HYDROCARBONS IN MUD M=1000

DRILLING RATE
 FT. PER HR. MIN. PER FT.
 300 200 100

LITHOLOGY

C₁ 5M 10M C₂ 1M C₃ 1M C₄ 1M C₅₊ 1M
 25 50 75 2500 25 1M 1M 1M 1M

OIL TSG

LST: GY FM SL. ARG
 CRYPTOX LN
 DOL: LT DK BN HD BRIT
 DSE

WT 9:2
 VIS 32
 TEMP 89°F

25 50 75

NO H₂S

20' SAMPLES

DEPT. NAT. RES & ENV



PE603345