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WELL COMPANY  
COUNTY STATE

MACKEREL NO. 4  
ESSO AUSTRALIA LTD.  
GIPPSLAND BASIN  
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 LIMESTONE  
SHALE GYP ANHYDRITE DOLOMITE  
CHERT LIGNITE

**CUTTINGS ANALYSIS**

TOTAL GAS \_\_\_\_\_  
METHANE \_\_\_\_\_  
LIQUID HYDROCARBONS (C<sub>6+</sub>) \_\_\_\_\_

**DRILLING RATE**  
FT PER HR MIN PER FT  
150 100 50  
VISUAL ACQUISITY

LITHOLOGY

**ppm HYDROCARBONS IN MUD M=1000**

OIL	C <sub>1</sub>			C <sub>2</sub>	C <sub>3</sub>	C <sub>4</sub>	C <sub>5+</sub>
	1M	5M	10M	1M	1M	1M	1M
25	50	75	2500	25			

C.O.-E. LOG



8700

WT. 9.9  
VIS 46  
F. 5.4  
PH 10.4  
CL 3600  
SD 1/4 %  
Rm .84 AT 72°  
Rmf .65 AT 76°  
Rmc 1.10 AT 72°

TD. AT 11:30 A.M. ON  
5-5-73 AT 8700'

DEPT. NAT. RES & ENV



PE603358