

25 of 28  
27



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  
OST 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<sub>6+</sub>) \_\_\_\_\_

**DRILLING RATE**  
X FT PER HR □ MIN PER FT  
150 100 50  
VISUAL POROSITY  
GET

LITHOLOGY

**ppm HYDROCARBONS IN MUD M=1000**

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

WT. 9.9  
VIS 48  
F 5  
PH 10.2  
CL 3800  
SD 174 %  
SOL 9%  
NO<sub>3</sub> 90

SD-WH, F-C GR, SA-RD,  
PYR, UNCONS

DEPT. NAT. RES & ENV  
PE603356