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BAROID WELL LOGGING SERVICE

WELL **MACKEREL** NO. **4**
COMPANY **ESSO**
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
150 100 50 VISUAL POROSITY
GST

LITHOLOGY

ppm HYDROCARBONS IN MUD M=1000

	C_1	C_2	C_3	C_4	C_{5+}
	0 1 M 5 M 10 M	0 1 M	0 1 M	0 1 M	0 1 M
OIL					
TSG	2.5 5.0 7.5	2500	2.5		
	PPM C_1 ———	PPM C_2 ——	PPM C_3 ——	PPM C_4 ——	PPM C_5 ——
	HOT WIRE - - - - - -	CO_2 - - - - -	H_2S - - - - -		

OIL TSG 25 50 75

7100

NB-7, XDG
13.2 HRS.

TG-40 TCO_2-300

WT. 10.0
VIS 46
TEMP 103°

WT. 9.9
VIS 46
F 5.6
CL 3300
PH 10.2

7200

7300

SH-M GY-TR GRN, V CALC, SLTY, FRM-FISS, W/ TR VF GR GLAUC, TR PYR

SD-LT BRN-GY, VF GR, SL GLAUC, UNCONS

DEPT. NAT. RES & ENV
PE603353

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