



WELL LOGGING SERVICE

WELL **MACKEREL NO. 3**
COMPANY **ESSO AUSTRALIA**
COUNTY **GIPPSLAND BASIN**
STATE **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
SHALE
GYR. ANHYDRITE
DOLOMITE

11 of 25

CHERT
LIGNITE

CUTTINGS ANALYSIS

TOTAL GAS _____

METHANE _____

LIQUID HYDROCARBONS
(C₆₊) _____

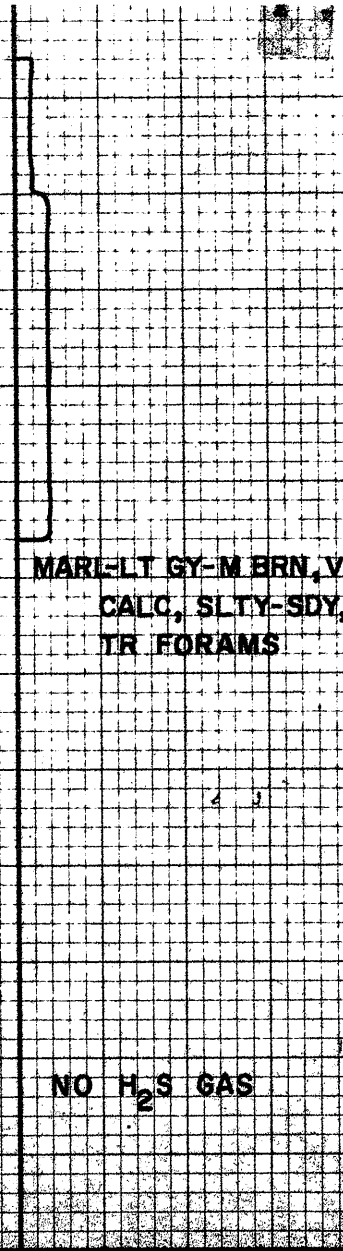
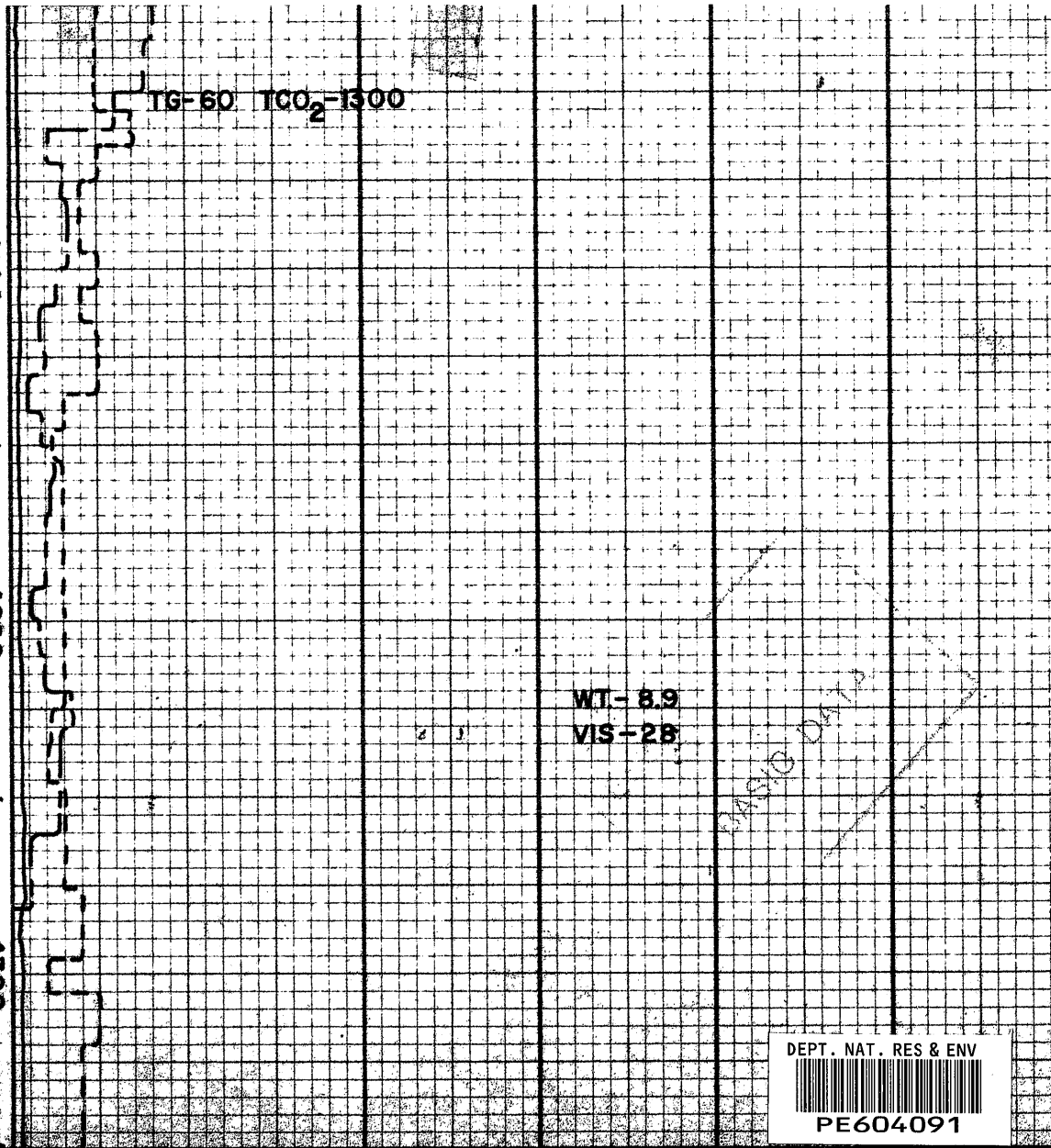
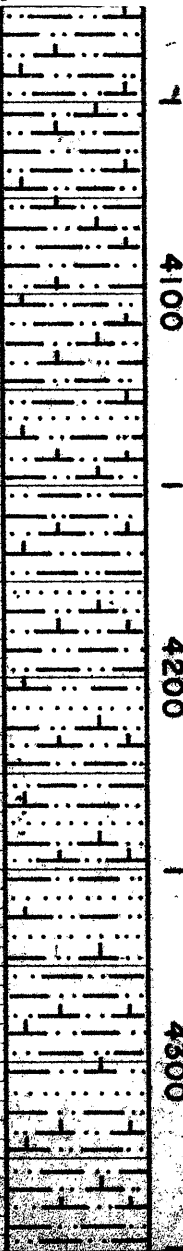
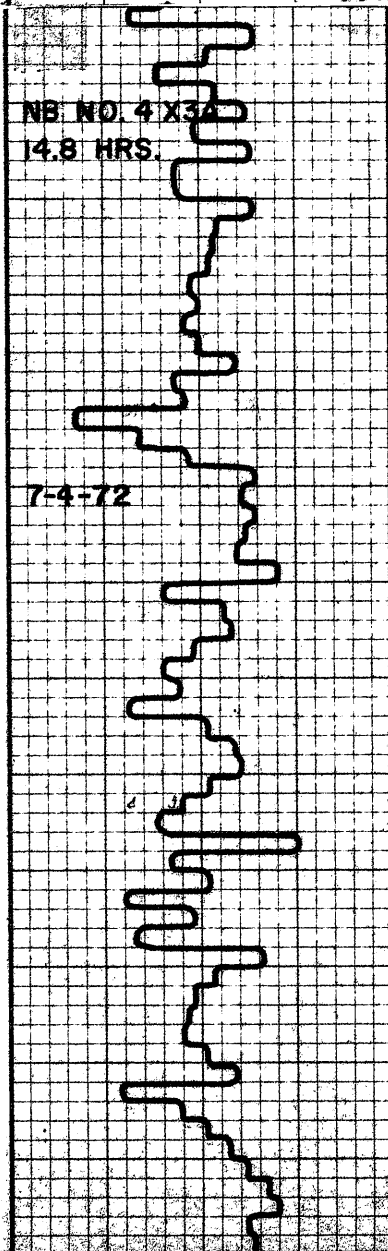
OIL
TSG 25 50 75

ppm HYDROCARBONS IN MUD M=1000

DRILLING RATE
 FT PER HR. MIN. PER FT.
150 100 50
VISUAL POROSITY
GST

LITHOLOGY

CO₂ 1.5M 3M 4.5M C₂ C₃ C₄ C₅₊
O 1M 5M 10M 2M 2M 2M 2M
OIL TSG



TG-60 TCO₂-1300

WT-8.9
VIS-28

MARI-LT GY-M BRN, V
CALC, SLTY-SDY,
TR FORAMS

NO H₂S GAS

DEPT. NAT. RES & ENV



PE604091