



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
 GRANITE WASH
 LIME STONE
 CHERT
 SHALE
 GYP ANHYDRITE
 DOLOMITE
 LIGNITE

CUTTINGS ANALYSIS

TOTAL GAS _____
 METHANE _____

LIQUID HYDROCARBONS
 (C₆+)

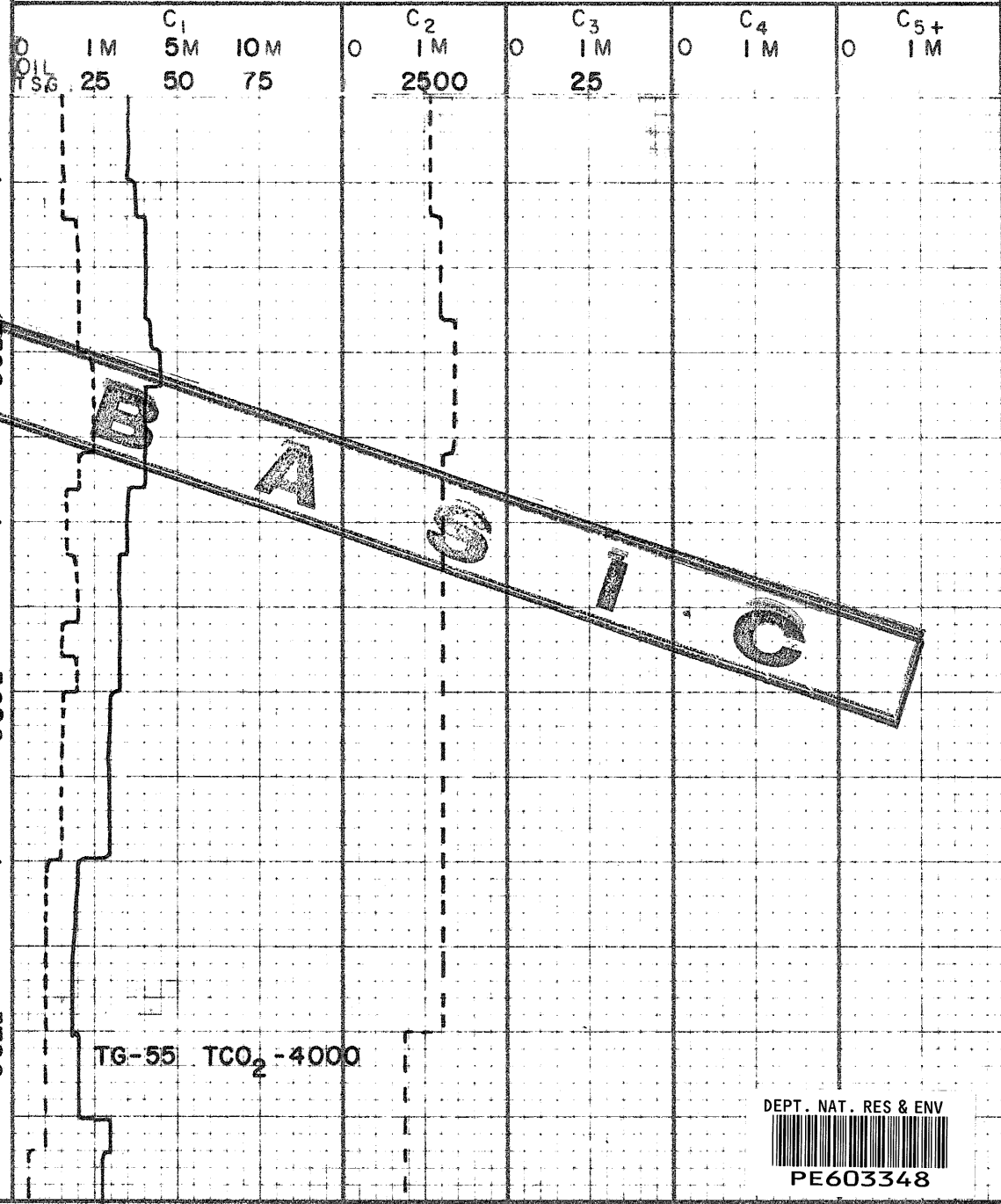
25 50 75

OIL TSG

MARL: LT GY FM SLTY
 V.CALC. GRDG.TO
 LST: GY HD DSE XLN

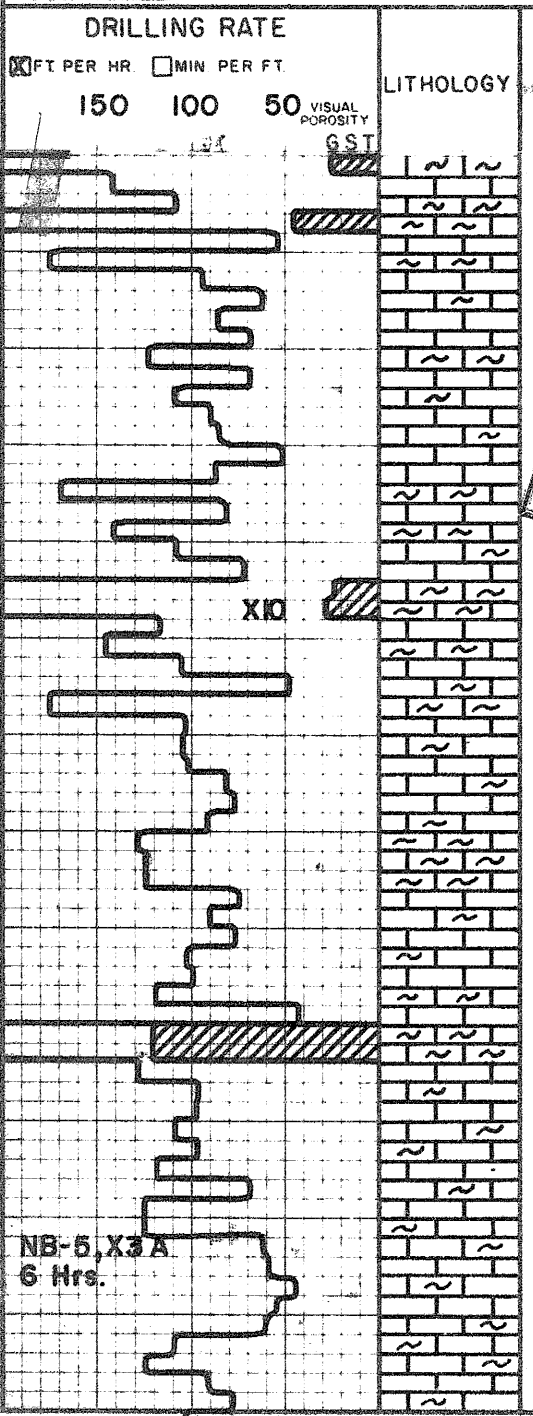
NO H.S
 2

ppm HYDROCARBONS IN MUD M=1000



TG-55 TCO₂ -4000

BASIC



DEPT. NAT. RES & ENV



DISPLACE SEAWATER
 WITH LIGNOSULFONATE
 MUD