CORE LABORATORIES, INC. COMPANY ESSO EXPLORATION WELL GIPPSLAND SHELF-6 COUNTY VICTORIA DATE 20/12/66

DRILLING RATE
MIN/FT ☒
FT/HR ☐

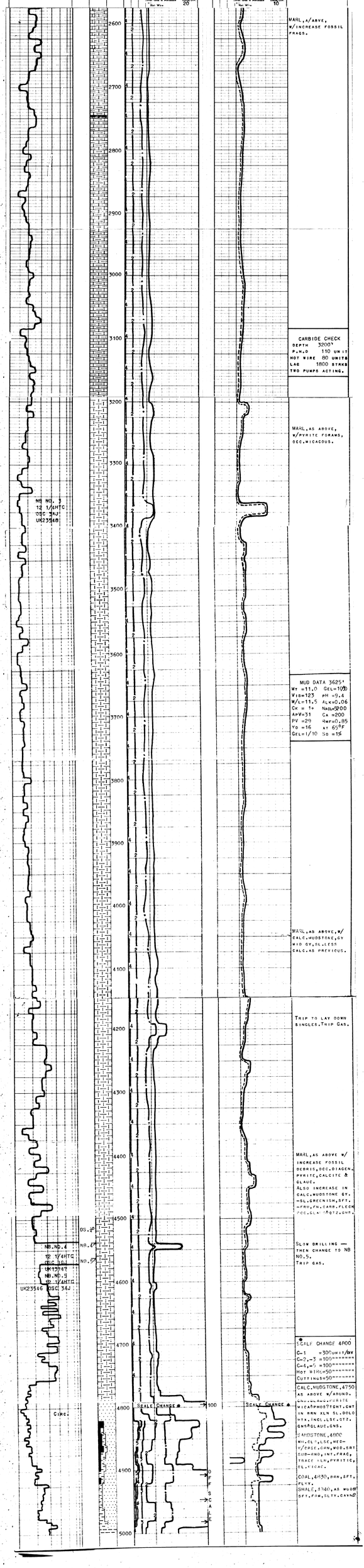
SEPT. MAT. RES. & ENV.
PE605050

HYDROCARBON ANALYSIS
HOT WIRE: Total Gas ELECTRONIC: Methane Ethane (1) Propane (2)
Butane (3) Pentane (4)

DRILLING MUD
Butane & Pentane 5
Ethane & Propane 10
Methane 50
Total Gas & Methane 20
Hot Wire

DRILL CUTTINGS
Butane & Pentane
Ethane & Propane
Methane
Total Gas & Methane 10
Hot Wire

REMARKS
FORMATION DESCRIPTION.
MUD DATA.
DRILL STEM TESTS, etc.



MARL, A/ABVE, W/INCREASE FOSSIL FRAGS.

CARBIDE CHECK
DEPTH 3200'
P.H.D 110 UNIT
HOT WIRE 80 UNITS
LAG 1800 STRKS
TWO PUMPS ACTING.

MARL, AS ABOVE, W/PYRITE FORAMS, OCC.MICACOUS.

MUD DATA 3625'
WT =11.0 GEL=10/30
VIS=123 PH =9.4
W/L=11.5 ALK=0.06
CK = 1+ NACL=5200
APV=31 CA =200
PV =29 RWF=0.85
YD =16 AT 65°F
GEL=1/10 SD =1%

MARL, AS ABOVE, W/ CALC.MUDSTONE, GY MID GY, SL.LESS CALC. AS PREVIOUS.

TRIP TO LAY DOWN SINGLES. TRIP GAS.

MARL, AS ABOVE W/ INCREASE FOSSIL DEBRIS, OCC.DIAGEN. PYRITE, CALCITE & GLAUC.
ALSO INCREASE IN CALC.MUDSTONE GY. -SL.GREENISH, SFT. -FRM, FN.CARB.FLECK OCC.GLAUC&QTZ.GNS.

SLOW DRILLING — THEN CHANGE TO NB NO.5.
TRIP GAS.

SCALE CHANGE 4800
C-1 =300UNIT/GV
C-2,-3 =100"""""
C-4,-5 =100"""""
HOT WIRE=50"""""
CUTTINGS=50"""""

CALC.MUDSTONE, 4750 AS ABOVE W/ABUND. GNS.GLAUC.PYRITE MICA&PHOS?TCHT.CMT IN BRN XLN SL.DOLO MTX.INCL.LSE.QTZ. GNS&GLAUC.GNS.

SANDSTONE, 4800 WH.CLR, LSE, MED-V/CRSE.GRN, MOD.SRT SUB-RND, INT.FRAC, TRACE XLN, PYRITIC, SL.MICAC.

COAL, 4830, BRN, SFT, FLKY.

SHALE, 4840, AS MUDST SFT.FRM, SLTY.CAVNS?