CONAN-1

Location Offshore Otway Basin
Latitude 38 52 14.95S
Longitude 142 46 52.22E
Water Depth = 70 m
Total Depth Drilled (KB) = 1985 m
KB Elevation = 25.3 m amsl
Seismic line reference OH94-246, sp 1147

Completed August, 1995 by BHP Petroleum
Status = Plugged & abandoned
Lithostratigraphy by Geoff Geary (1998)
Lithological interpretation by Natalya Liberman (1998)
Palynology by Partridge (1997)
Produced by the Basin Studies Group 11-Mar-1998
for Enclosure 32, VIMP55

State Government Victoria AUSTRALIA — Department of Primary Industries

Lithological legend

Carbonate Lithotypes: Limestone; Limestone, sandy; Limestone, dolomitic; Dolomite; Dolomite, calcareous; Marl

Siliciclastic Lithotypes: Conglomerate; Sandstone, pebbly; Sandstone; Sandstone, carbonaceous; Sandstone, argillaceous; Sandstone, glauconitic; "Greensand"; l'bedded sandstone & mudstone; Siltstone; Siltstone, carbonaceous; Mudstone (shale); Mudstone, carbonaceous; Mudstone, calcareous; Claystone; Coal

Others: Extrusive rocks; Mafic sills; Plutonic rocks; Metamorphic rocks

Palynological scheme legend

SPORE-POLLEN:
T. be = T. bellus
P. tu = P. tuberculatus
N. as = N. asperus
P. as = P. asperopolus
M. di = M. diversus
L. ba = L. balmei
F. lo = F. longus
T. li = T. lilliei
N. se = N. senectus
T. ap = T. apoxyexinus
P. ma = P. mawsonii
H. un = H. uniforma (A. di = A. distocarinatus)
P. pa = P. pannosus
C. pa = C. paradoxa
C. st = C. striatus
C. hu = C. hughesii
P. no = P. notensis
F. wo = F. wonthaggiensis
C. au = C. australiensis
R. wa = R. watherooensis

DINOFLAGELLATES:
C. in = C. incompositum
D. he = D. heterophylcta
A. hy = A. hyperacantha
A. ho = A. homomorphom
E. cr = E. crassitabulata
T. ev = T. evittii
M. dr = M. druggii
I. ko = I. korojenense
X. au = X. australis
N. ac = N. aceras
I. cr = I. cretaceum
O. po = O. porifera
C. st = C. striatoconus
P. in = P. infusorioides

Hydrocarbon shows legend

Gas show (weak)
Gas show (strong)
Gas well
Oil show (weak)
Oil show (strong)
Oil well
Oil/gas show (weak)
Oil/gas show (strong)
Oil fluorescence

S/W core - recovered

Dino/Spore-pollen legend

absent; very low; low; moderate; high; very high

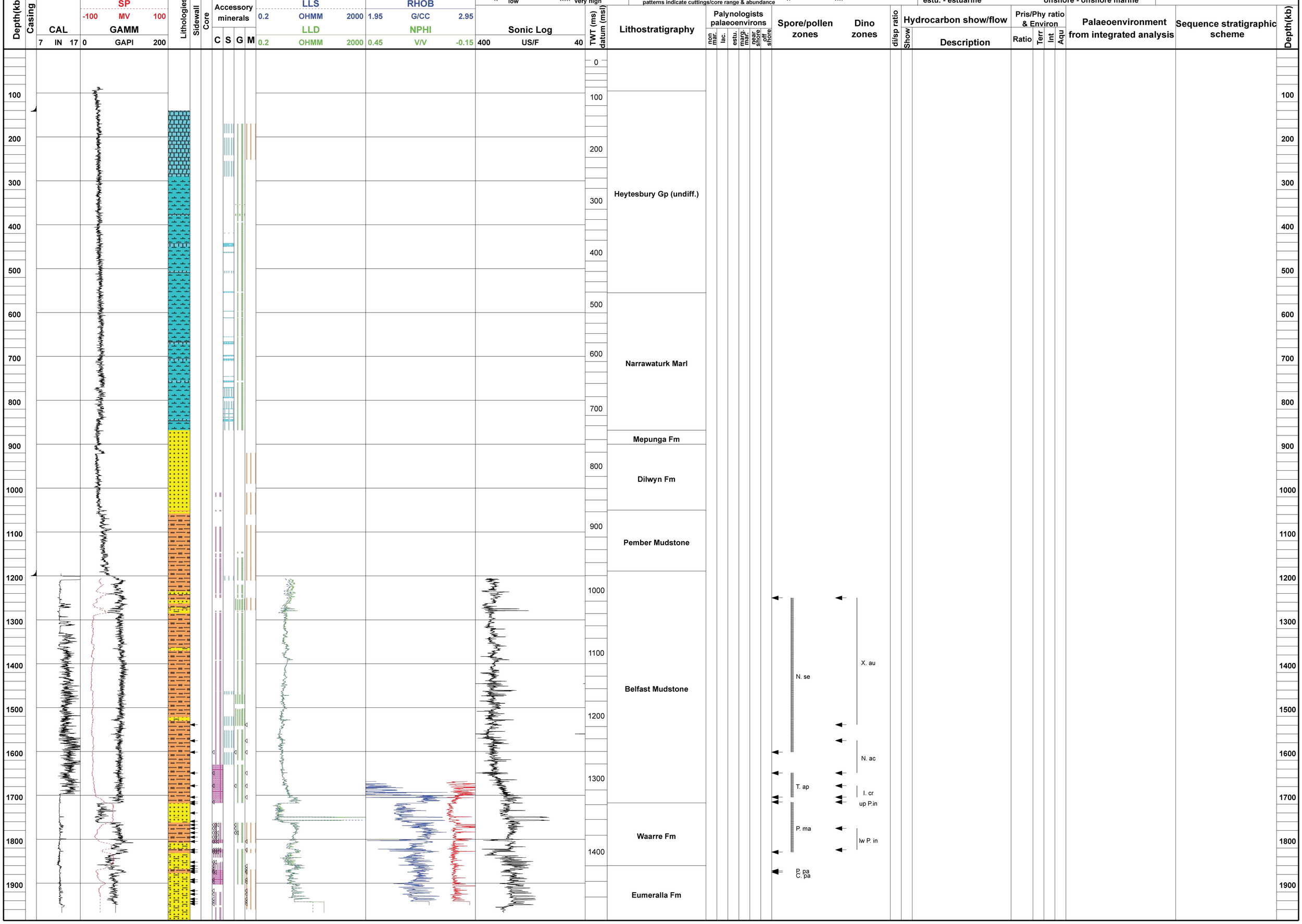
Accessory minerals legend

C - carbonaceous debris (magenta)
S - shell debris (blue)
G - glauconite (green)
M - mica (red)
arrows indicate SWC range & abundance
patterns indicate cuttings/core range & abundance

trace; minor; common; abundant

Palynological environments legend

non mar. - non marine environ.
lac. - lacustrine environment
estu. - estuarine
marg. mar. - marginal marine
nearshore - nearshore marine
offshore - offshore marine

Pristane/Phytane Ratio legend

Aqu - Aqueous, lacustrine or marine
Int - Intermediate
Ter - Terrestrial