INGLEBY-1

Location: Onshore Otway Basin
Latitude: 38 18 53.6 S
Longitude: 143 47 44.8 E

Total Depth Drilled (KB) = 331.2 m
Depth logged (KB) = 326.5 m

KB Elevation = 117.3 m amsl
Seismic line reference: OH85-16, sp 375

Completed October 27, 1990 by Gas and Fuel Exploration N.L.
Status = Plugged & abandoned

Lithostratigraphy from Ingleby-1 WCR
Lithological interpretation by Natalia Liberman (1998)
Palynology by M.K. Macphail (1991)
Produced by the Basin Studies Group 25-Jun-2001 for Enclosure 8 VIMP70

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, calcareous
- Sandstone, argillaceous
- Sandstone, glauconitic
- "Greensand"
- I'bedded sandstone & mudstone
- Siltstone
- Mudstone (shale)
- Mudstone, calcareous
- Claystone
- Coal

Others
- Extrusive rocks
- Mafic sills
- Plutonic rocks
- Metamorphic rocks

N.B. Not all lithological patterns in the legend have been used in this wellsheet.

Accessory minerals legend

C - carbonaceous debris
P - pyrite
G - glauconite
M - mica
Arrowheads indicate SWC range & abundance
Patterns indicate cuttings/core range & abundance

trace, minor, common, abundant

Pristane/Phytane Legend

< 1.5 Anoxic - Subaqueous (lacustrine or marine)
1.5 - 3.0 Trans - Transitional environment
> 3.0 Oxic - Subaerial environment

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:

W. th = W. thompsonae
C. in = C. incompositum
H. ta = H. tasmaniense
D. he = D. heterophylcta
A. hy = A. hyperacantha
A. ho = A. homomorphom
E. cr = E. crassitabulata
T. ev = T. evittii
P. py = P. pyrophorum
M. dr = M. druggii
I. ko = I. korojenense
X. au = X. australis
N. ac = N. aceras
I. ro = I. rotundatum
I. cr = I. cretaceum
O. po = O. porifera
C. st = C. striatoconus
P. in = P. infusorioides

N.B. Not all palynological zones in the legend have been used in this wellsheet.

Palynologists' environments legend

nm - non marine
lac - lacustrine
est - estuarine
mm - marginal marine
ns - nearshore marine
om - offshore marine

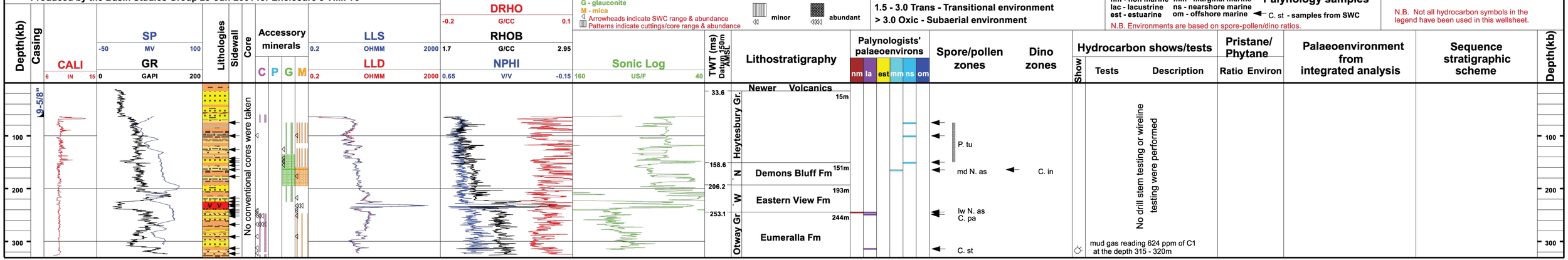
Palynology samples
C. st - samples from SWC

N.B. Environments are based on spore-pollen/dino ratios.

Hydrocarbon shows/tests legend

- Gas show (weak)
- Gas show (strong)
- Gas zone
- Oil show (weak)
- Oil show (strong)
- Oil zone
- Oil/gas show (weak)
- Oil/gas show (strong)
- Oil fluorescence
- CO_2 zone
- RFT test

N.B. Not all hydrocarbon symbols in the legend have been used in this wellsheet.



N - Nirranda Group W - Wangerrip Group