



PE990270

APPENDIX (4)

PALYNOLOGICAL REPORT

PALYNOLOGICAL EXAMINATION ALBATROSS #1 WELL

Samples were treated by the hydrofluoric acid - Schulze's solution method, and the residues examined under the microscope for acid insoluble microfossils.

<u>Depth</u>	<u>Microfossils</u>
3110-3120 ft.	<i>Cyathidites</i> sp., <i>Leptolepidites verrucatus</i> , <i>Ceratosporites equalis</i> , <i>Cicatricosisporites australiensis</i> etc.
3740-3750 ft.	<i>Ceratosporites equalis</i> , <i>Cyathidites</i> etc.
4080-4090 ft.	<i>Dictyotosporites speciosus</i> , <i>Cyathidites</i> cf. <i>Rouseisporites reticulatus</i> etc.

The microspores present in the 3 samples are typical of the Speciosus Assemblage Zone of Dettmann (1963). Cf. *Rouseisporites reticulatus* found in the deepest (4080-4090 ft.) sample suggests that the *R. reticulatus* Unit of Dettmann and Playford (1969) may be present. This is of Aptian age. In any case the range of the specimens is Aptian-Albian, and corresponds to Zone C of Douglas (1969).

References.

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| Dettmann Mary E. 1963 | Proc. Roy. Soc. Vic. 77 |
| Dettmann Mary E. &
Playford G. | Strat. & Pal. ANU. (Dorothy Hill Essays). |
| Douglas J.G. 1969 | Mem. Dept. Min. Vict. 28. |

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