

List of Figures

1. Stratigraphy of the Bass Basin
2. Bass versus Gippsland Basin Stratigraphy
3. Suggested Hydrocarbon Migration
4. Durroon #1 Stratigraphic Section
5. Total Magnetic Intensity Map at Durroon #1
6. Total Magnetic Intensity Map at Durroon #1 with Trend Indicated
7. Conventional Cores of the Paleocene and Cretaceous Section
8. Porosity versus Depth
9. Porosity versus Depth, Paleocene Upper L. balmei
10. Porosity versus Depth, Paleocene Lower L. balmei
11. Porosity Range, T. longus, Upper Cretaceous
12. Porosity Range, T. pannosus, Upper/Lower Cretaceous
13. Porosity Range, C. striatus, Lower Cretaceous
14. Porosity Range, L. hughesii, Lower Cretaceous
15. Porosity versus Permeability Plot
16. Seismic Line WB-82-32, Through the Durroon #1 well
17. Time Depth Curve, Durroon #1 well
18. Synthetic Seismogram, Durroon #1 well (a, b, c)
19. Types of Organic Matter in the lower EVCM
20. Types of kerogen and alteration, Dondu #1
21. Types of kerogen and alteration, Durroon #1
22. Types of kerogen and alteration, Konkon #1
23. Types of kerogen and alteration, Poonboon #1
24. Source Rock Chemistry