

INTRODUCTION

Based on the compilation of stratigraphic and structural information previously submitted as an Interim Report of Geology, a suite of 1:250,000 regional maps has been prepared.

Seven of the maps represent offshore Gippsland Basin paleogeography from Early Cretaceous to Middle Miocene. The remainder of the map suite consists of a variety of regional structure, isopach, sand distribution, thermal maturity, and organic content portrayals which, in combination, suggest relative prospectivity of areas in the offshore.

It is emphasized that all regional maps are based mainly on the data represented by the six regional correlation sections previously constructed. These include fifty-four offshore wells, of which thirty-seven include paleontological (chronostratigraphic) information. The geologic intricacies of the various productive fields in the offshore Gippsland Basin have not been incorporated in the regional maps. Likewise, local structural information based on geophysical interpretations has not been incorporated. The regional geologic study presented here is therefore intended to permit generalizations regarding basic parameters influencing the prospectivity of the Latrobe Group, Gurnard Formation, Lakes Entrance Formation, and Gippsland Limestone about the basin.