

INTRODUCTION

The purpose of this study was to re-evaluate the logs, test results and core data from selected wells in the Pelican Field. The last in-house study by SAGASCO Resources was completed in 1984, prior to the drilling of Pelican 5 (Ref.1).

Previous interpretations of the Pelican Field have indicated that some sands are gas saturated but tight. Consequently, productivity would be low and would not justify the cost of an off-shore development. SAGASCO Resources has undertaken this screening study to assess the accuracy of previous analyses and the conclusions drawn from them.

The previous tests and test analyses from the Pelican wells 1, 2, 4 and 5 were examined (see Section 1). For the log analysis, it was decided to concentrate on wells 1, 4 and 5 and re-investigate the Eastern View Coal Measures.

Zones 'D', 'E' and 'F', (see cross-section in Appendix 1) were selected for a detailed log analysis. These three zones were chosen because sands within them had been both tested and cored and also because traditionally the 'F' sands have carried the main bulk of Pelican gas reserves. Work sheets of log results are contained in Appendix 2.