

INTRODUCTION

Organic geochemical analyses have been performed on eight (8) sidewall cores and two (2) cuttings samples between 1206.5m and 1630m in the Seal 1 well drilled in T-19-P of the Bass Basin.

The purpose of this study has been to characterise reservoir hydrocarbon thought to be present in sidewall cores at 1353.8m and 1358m and to determine its relation to the anticipated source shales encountered around these depths.

Analytical

Upon arrival at Analabs the samples were assigned the Analabs job number 43007. Six (6) sidewall cores were submitted to total organic carbon determination and Rock-Eval pyrolysis analysis. A further four (4) were extracted. Two (2) of these gave insufficient extract yields for separation by liquid chromatography and underwent C₁₂+ whole extract gas/liquid chromatography. The two (2) richer samples were separated and subjected to C₁₂+ saturate gas/liquid chromatography. Two (2) washed and dried cuttings samples were sent to Professor Alan Cook for vitrinite reflectance measurement and coal maceral description.

The results of these analyses may be found in the following figures and tables:

<u>Type of Analysis</u>	<u>Figure</u>	<u>Table</u>
% total organic carbon determination		1
Rock-Eval pyrolysis	2	1
Extraction/liquid chromatography		2
Gas chromatography	3	3
Vitrinite reflectance/coal maceral descriptions	1	4

A description of these analyses may be found in the Theory and Methods section located at the rear of this report.

General Information

Copies of this report have been sent to Mr. C. Furr of Bridge Oil Ltd., in Sydney. Any questions regarding this study may be directed to Steve Cadman, of Analabs, located in Perth, Western Australia.

All data and interpretations contained herein are proprietary to Bridge Oil, and are treated as highly confidential material by all Analabs personnel.