

Cue Minerals N.L.
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REPORT 701/13

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QUARTERLY REPORT

ON

T/14P

BASS BASIN, TASMANIA

FOR

THE CUE MINERALS N.L.

CONSORTIUM

General Geological Services
Work Order: CUE 701

December, 1981

CONTENTS

	<u>Page</u>
1. INTRODUCTION	1
2. OPERATIONS PERFORMED	2
2.1 Processing of BCS-81 Seismic Survey	2
2.2 Review of Wharfage Facilities in Bass Strait	2
2.3 Support for B.M.R. Proposed Bass Strait Project	2
3. OPERATIONS PLANNED	3
3.1 Interpretation of BCS-81 Seismic Survey	3
3.2 Development of a Depositional Model	3
4. EXPENDITURE	5
5. APPENDIX	
Data Processing Report (under separate cover) by Geophysical Service International (December, 1981) (Refer OR-137A)	
6. ILLUSTRATION ACCOMPANYING REPORT	6
Proposed B.M.R. Seismic Lines in T/14P	

1. INTRODUCTION

This quarterly report by General Geological Services, prepared on behalf of Cue Minerals N.L., contains a record of studies relating to offshore petroleum exploration in T/14P during the period 10th July to 9th October, 1981. It reports on activities performed and planned during the third quarter of the second permit year.

Cue Minerals N.L. is the operator for the consortium holding title to the exploration permit. The permit covers 42 blocks in the Bass Basin and was granted on 9th January 1980 for a six-year tenure.

The main work involvement during the quarter has been the preparation of a Data Processing Report outlining the experimental processing tests and the production processing for the BCS-81 survey, which totalled about 550 km of seismic line.

Initial assessment of seismic sections was commenced and plans made for detailed geophysical interpretation.

The establishment of a depositional model for the Bass Basin was programmed.

Further initiatives were taken on review of wharfage and base facilities in Bass Strait. Investigation of rig availability continued.

2. OPERATIONS PERFORMED

2.1 Processing of BCS-81 Seismic Survey

The parameters for data processing were selected previously for the 25 lines completed in the BCS-81 marine seismic survey. The Data Processing Report (December, 1981), prepared for Cue Minerals N.L. by Geophysical Services International, was received on 15th January 1982. It completes the set of reports detailing the survey and including the Operations Report (February, 1981) and Navigation Report (July, 1981) already submitted with Cue Minerals' Quarterly Reports 701/10 and 701/12 respectively.

The Data Processing Report is forwarded under separate cover. It encompasses the experimental pre-processing and post-processing tests and the production processing details.

2.2 Review of Wharfage Facilities in Bass Strait

In association with other companies investigating the wharfage facilities (including available storage and fuel handling) for service vessels accompanying drill ships, Cue Minerals is commissioning a report on the parts along the Victorian and Tasmanian coastlines of Bass Strait from Laurentian International Pty. Ltd. A proposal to use the Port of Geelong, with Devonport as a support base, appears to offer a more practical solution than sharing Port Welshpool or an upgraded Port Albert with other companies. These latter ports on the South Gippsland coast require substantial dredging, additional navigation aids and further wharf construction. Information on the current facilities at Geelong and Devonport has already been obtained.

2.3 Support for B.M.R. Proposed Bass Strait Project

Cue Minerals N.L. has continued discussion with the Bureau of Mineral Resources (B.M.R.) in regards to their proposed marine geophysical investigation through the Bass Strait region.

This project aims to extend regional concepts with respect to basin structural framework and development.

The layout of a provisional seismic grid has been proposed by the B.M.R. and the part relevant to T/14P is shown on the figure in the Appendix herein.

3. OPERATIONS PLANNED

3.1 Interpretation of BCS-81 Seismic Survey

Cue Minerals has met with representatives of Australian Petroleum Consultants, now known as Petrecon Australia Pty. Ltd., and this company is now briefed to undertake geophysical interpretation of the recent and past seismic surveys across T/14P with the objective of selecting drilling targets. Their study will be integrated with the geochemical study already completed by Paltech Pty. Ltd. (Report 701/11).

3.2 Development of a Depositional Model

Petrecon Australia Pty. Ltd. is now preparing a report on sedimentation patterns in the Eastern View Group in the Bass Basin. This report will form the basis of a depositional model for the basin, and will be included in the next quarterly report.

4.

EXPENDITURE

CUE MINERALS N.L.

PERMIT TAS. T/14P

QUARTERLY REPORT - EXPENDITURE

LEASE FEES (RENTAL)	OFFICE OVERHEAD	OFFICE STUDIES	FIELD WORK		
			GEOLOGICAL	GEOPHYSICAL	DRILLING
1,000 (4/5/81)	5,000	2,700	-	-	-

SIGNED: *Deeraker*

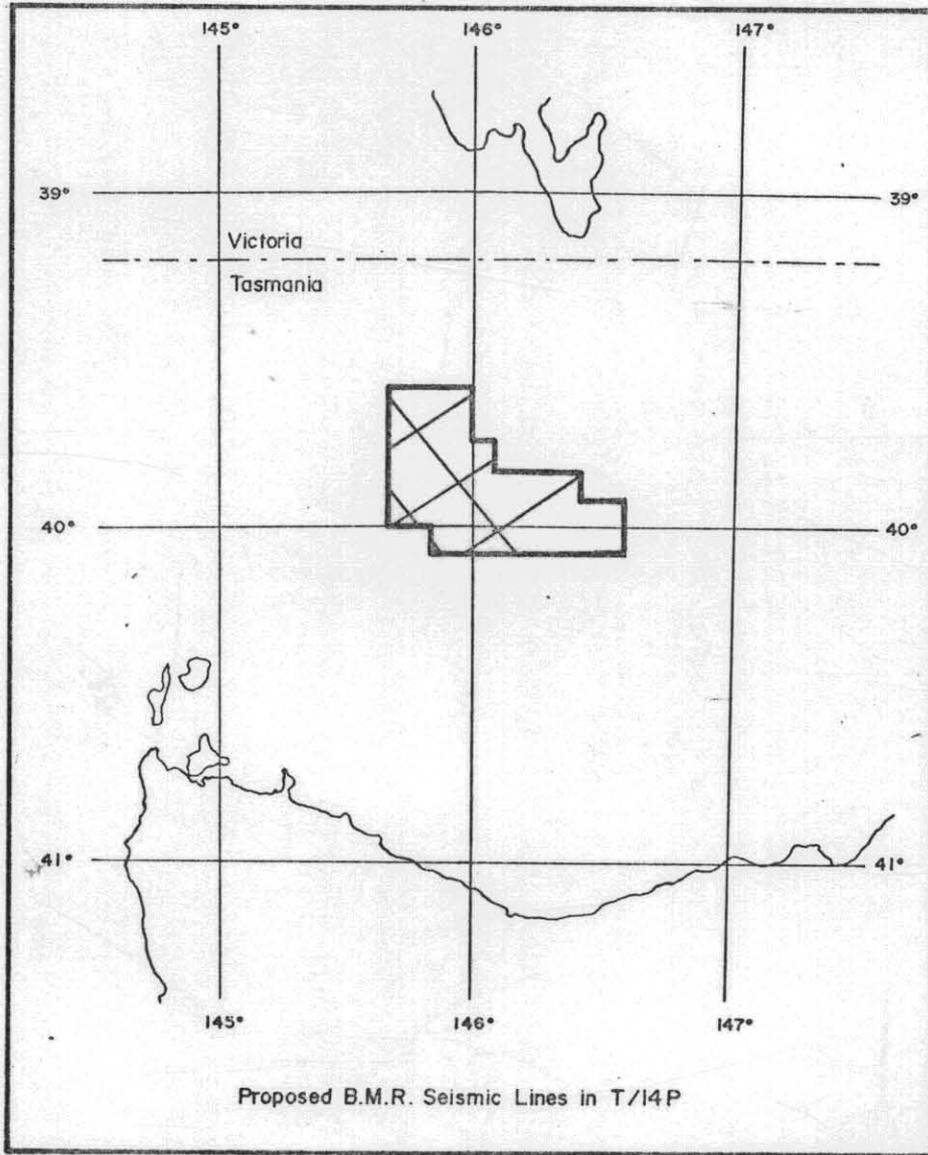
5.

APPENDIX

Data Processing Report
(under separate cover)

6. ILLUSTRATION ACCOMPANYING REPORT

Proposed B.M.R. Seismic Lines in T/14P



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