

QUARTERLY REPORTS

FOR

EXPLORATION PERMIT T/12P

(AMOCO 1981)

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Plans:

Plate 1 Water Depth
Plate 2 Time Structure – Top Cretaceous – Proposed Seismic Program
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Plate 4 Proposed Seismic Program

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TERRA PT

634002

TPR
OR-089

TERRA MARINE PACIFIC INC.

August 20, 1979

Department of Mines
G.P.O. Box 124 B
Hobart, Tasmania
Australia 7001

RECEIVED	31 AUG 1979	Registrar
ANSWERED	DEPT OF MINES	E & I L
REF. No.	5963/79	

Attention: Mr. J. G. Symons, Director

RE: Report for Week of August
12, 1979
Permit T/12 P

Dear Sir:

During the week of August 12, 1979 preliminary negotiations were held regarding the Geophysical Survey planned for Permit T/12 P and Licence 5/75. A model contract was obtained and will be studied and revised. The enclosed maps were prepared after being approved by our partners, Amoco International Oil Co. and Fluor Oil and Gas Company.

You will notice the seismic program has been increased to a total of 459 miles. Of that amount 409 miles (654 Km) will be shot over Permit T/12 P.

The water depth map was prepared using the old Esso Exploration, Inc. data and a private survey in Macquarie Harbour.

Very truly yours,

TERRA MARINE PACIFIC INC.

Judith G. Reed, for

C. J. Gudim
Executive Vice President

CJG: jr

Enclosures

*Copy 2 maps rec'd
5/9/79 & sent
to BMR. [Signature] 6/9/79*



Amoco Australia Petroleum Company
 P. O. Box 4381
 Houston, Texas 77210
 U.S.A.

April 16, 1981

Director of Mines
 Department of Mines
 G.P.O. Box 1248
 Hobart, Tasmania 7001
 Australia

Exploration Permit T/12P
 CCB-171-L-JBS-980

of M	A.P.	CG	E.O.	D.S.M.E.
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>		<i>[Signature]</i>
Received	27 APR 1981			Registrar
Answered				E & IL
DEPT. OF MINES				
REF. No. 3269/81				

copy sent to BMR.

100. WB
Please to BMB
9/5/81

In connection with the captioned permit held by Amoco Australia Petroleum Company ("Amoco"), Operator, and Tasman Oil, Inc., the following information is submitted for the permit quarter ending April 3, 1981, incorporating the Annual Report for the second permit year.

A seismic survey of 775 km. was conducted starting March 6, 1981 and ending March 15, 1981, using the Western Geophysical Company's M.V. Odyssey. Using air guns as energy source, data were recorded into a 2400 meter streamer with a shot and group interval of 25 meters giving subsurface coverage of 4800 percent. Maxiran was the primary navigation system with a fully integrated satellite system also being used. Processing by Geodigit in Houston, Texas is underway and should be completed by June 1, 1981. Seismic maps are not yet available for inclusion with this annual report, but they will be submitted with the marine seismic survey final report.

Estimated costs for the seismic operation are Aus. \$370,000. Total costs for the second permit year, ending April 3, 1981, are now estimated to be Aus. \$600,000; this figure is subject to revision.

Exploration plans for the third permit year are contingent upon the results of the seismic survey and will be indicated in a subsequent quarterly report.

I. Macartney

I. Macartney
 President

JBS/iyb

J. P. Milor, Tasman Oil, Inc.

T/12P Part 1



634004

Amoco Australia Petroleum Company
P. O. Box 4381
Houston, Texas 77210
U.S.A.

ART reports required?
for lct.
Reports up to date

May 4, 1981

Director of Mines
Department of Mines
G.P.I, Box 1248
Hobart, Tasmania 7001
Australia

of M	Ad.	C.G.	E.O.	D.S.M.E.
<i>Jm</i>	<i>(2)</i>	<i>(1)</i>		
Received	13 MAY 1981			Registrar
Answered				E & IL
DEPT. OF MINES				
REF. No. 3882/81				

Exploration Permit T/12P
CCB-202-L-JBS-980

Processing of seismic data on Permit T/12P is progressing favorably. As of May 1, 1981, all of the seismic data have been demultiplexed and reformed; the velocity analysis was thirty to forty percent complete and final parameters for stacking have been selected. Final sections on all the data should be completed about June 1, 1981.

Post-plotting of the survey data is progressing and final shot point location maps should be completed about May 15, 1981.

I Macartney 18/81
Ian Macartney
President

HRW:JBS/iyb

J. P. Milor
Tasman Oil Co.

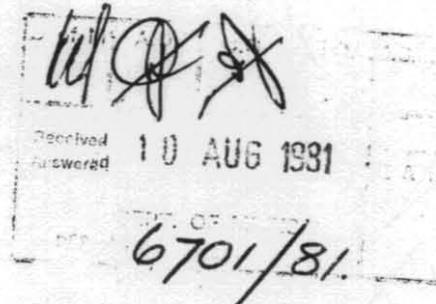
T/12P part 1



Amoco Australia Petroleum Company
P. O. Box 4381
Houston, Texas 77210
U.S.A.

July 22, 1981

Director of Mines
Department of Mines
G.P.O., Box 124B
Hobart, Tasmania
Australia



Exploration Permit T/12P, offshore
western Tasmania, Report for quarter
ending July 4, 1981
CCB-307-L-JBS-980

Processing of seismic data on the T/12P permit area was completed on July 7, 1981. Interpretation is progressing and is estimated to be completed during the first half of August 1981. Preliminary maps for the magnetometer survey have been received from the contractor and final maps will be ready in early August. Arrangements will be made to present the final report at a meeting with the Department of Mines in August, and to present further exploration plans at that time.

During the second calendar quarter, approximately Aus. \$163,400 was expended on a cash basis on the seismic project. Substantial additional expenditures were booked on accrual basis, and will be accounted for in subsequent reports to you.

R. L. Blanton

Robert L. Blanton
Vice President

JBS/iyb

J. P. Milor
B. F. Crawford

T/12 P Part 2

634006

**WEST TASMANIA BASIN
AUSTRALIA**

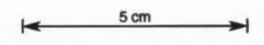


WATER DEPTH

Interpretation by C.J. Gudim
Datum Plane:

Contour Interval: 25 Ft
Date: March 1979

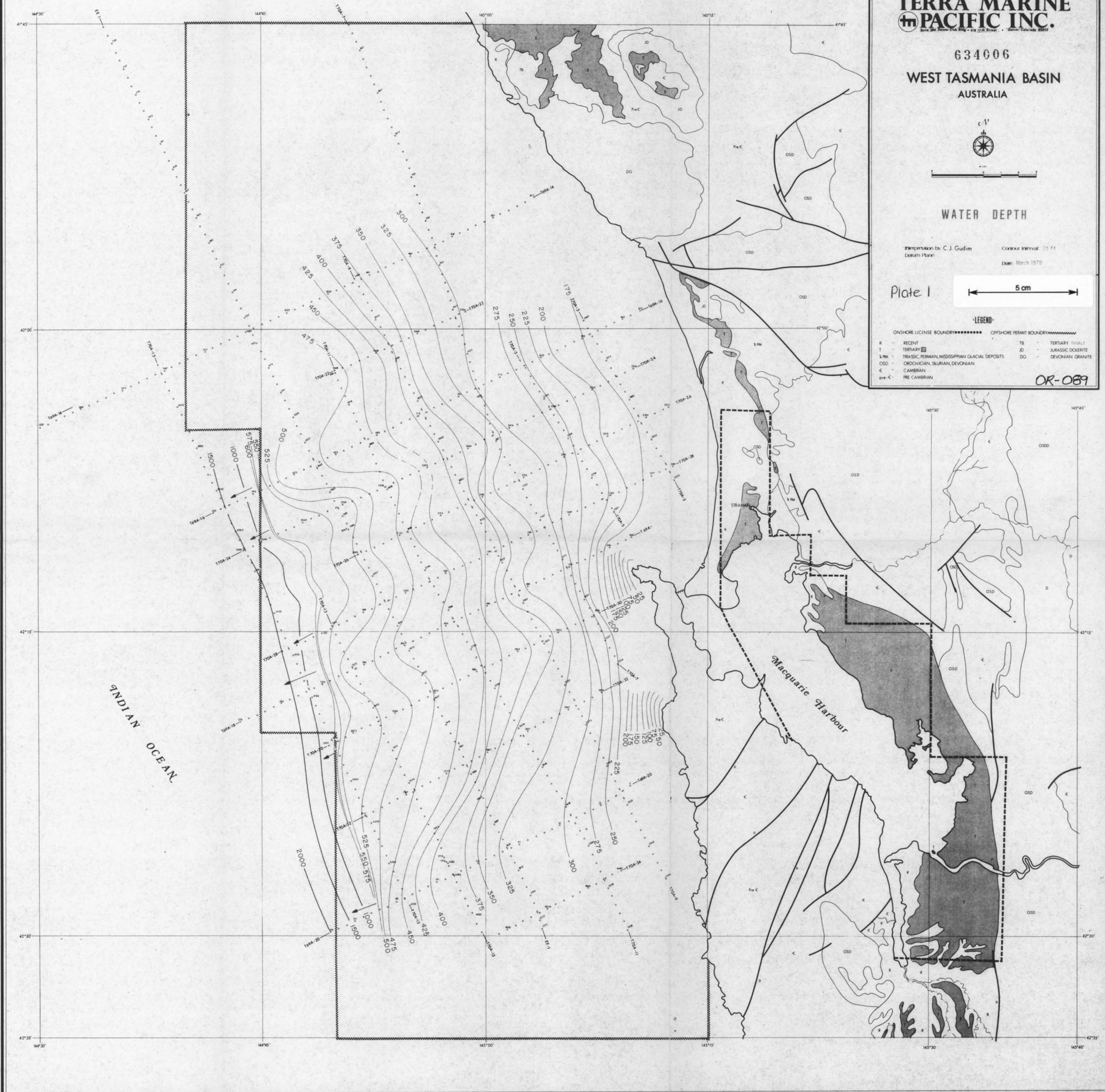
Plate 1



LEGEND

- | | | | |
|-------|---|-----------|--------------------------|
| — | ONSHORE LICENSE BOUNDARY | - - - - - | OFFSHORE PERMIT BOUNDARY |
| R | RECENT | TB | TERTIARY TUSSELT |
| T | TERTIARY | JD | JURASSIC DOLERITE |
| T.M. | TRIASSIC, PERMIAN, MISSISSIPPIAN GLACIAL DEPOSITS | DG | DEVONIAN GRANITE |
| OSD | ORDOVICIAN, SILURIAN, DEVONIAN | | |
| C | CAMBRIAN | | |
| pre-C | PRE-CAMBRIAN | | |

OR-089



**TERRA MARINE
PACIFIC INC.**
Suite 204 Denver Club Bldg., 218 17th Street • Denver, Colorado 80202

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**WEST TASMANIA BASIN
AUSTRALIA**



**TIME STRUCTURE
TOP CRETACEOUS
PROPOSED SEISMIC PROGRAM**

Interpretation by C.J. Gudim Contour Interval
Datum Plane: Date: August, 1978

390.5 MILES OF PROPOSED SHOOTING.

Plate 2

LEGEND

- | | |
|---|--------------------------|
| ONSHORE LICENSE BOUNDARY | OFFSHORE PERMIT BOUNDARY |
| R - RECENT | TB - TERTIARY |
| T - TERTIARY | JD - JURASSIC DOLOMITE |
| LPM - TRIASSIC PERMAN, MISSISSIPPIAN GLACIAL DEPOSITS | DG - DEVONIAN GRANITE |
| OSD - ORDOVICIAN, SILURIAN, DEVONIAN | |
| E - CAMBRIAN | |
| pre-C - PRE CAMBRIAN | |
- 634007 OR-089



