

OFFSHORE 18

TPR  
OR-392

MAGELLAN PETROLEUM AUSTRALIA LIMITED  
APPLICATION FOR SUBSIDY  
FOLDER NO. 1 and NO. 2  
NORTH EAST FURNEAUX MARINE  
SEISMIC SURVEY

VIC/P2 and VIC/P4 Victoria  
T/1P and T/4P Tasmania

TPR OR-392

TPR  
OR-392

495001



# MAGELLAN PETROLEUM AUSTRALIA LIMITED

TECHNICAL OFFICE:  
7th Floor, Alexandra Chambers  
201 Wickham Terrace, Brisbane

Telephone: 21-7505  
Cables and Telegrams: "MAGELLAN BRISBANE"  
Telex: AA40392  
Address all correspondence:  
G.P.O. Box 455, Brisbane, Australia, 4001

RMH/jf

11th April, 1973

The Director,  
Bureau of Mineral Resources,  
(Petroleum Exploration Branch)  
P.O. Box 378,  
CANBERRA CITY, A.C.T. 2601.

Dear Sir,

Re: SUBSIDY APPLICATION - URGENT

Magellan Petroleum Australia Limited herewith applies for subsidy, under the Petroleum Search Subsidy Act 1959-69, on behalf of itself and its co-venturer, for a marine seismic survey to be known as the "North East Furneaux Marine Seismic Survey". The survey is to be conducted over parts of Exploration Permit for Petroleum VIC/P4 (offshore Victoria) and T/1P (offshore Tasmania). Tie lines comprising nine miles of reflection profiling are also programmed in the adjacent permits, VIC/P2 and T/4P, pursuant to the consent of the owners of those permits, (permission contained in application folder).

In support of this application, please find enclosed two copies of the relevant information requested under section 8(1) of the P.S.S.A. 1959-69 "Guide to Applicants and Operators 1970" (Folder No. 1) and one copy of the relevant information requested under section 8(2) of the abovementioned Guide (Folder No. 2).

Copies of this application have been forwarded to the Victoria Mines Department and the Tasmania Mines Department, along with requests for permission to conduct the survey. Copies of the letters of approval for the survey will be forwarded when received from the respective Designated Authorities.

Sincerely,

Roy M. Hopkins  
Managing Director

Encl.

APPLICATION FOR SUBSIDY FOR THE  
NORTH EAST FURNEAUX MARINE SEISMIC SURVEY  
VIC/P2 and VIC/P4 VICTORIA and T/1P and T/4P TASMANIA

LIST OF CONTENTS (Folder No. 1)

1. Name of Prospect
2. Name of Applicant
3. Registered Address of Applicant
4. Nominee
5. Location of Survey
6. Regional Geology
7. Previous Geophysics
8. Reasons for the Survey
9. Proposed Operation

ILLUSTRATIONS

Figure 1 - Regional Location Map

Figure 2 - Programme Location Map and Top Latrobe Complex

*APPENDIX A*

1. NAME OF PROSPECT

North East Furneaux Marine Seismic Survey

2. NAME OF APPLICANT

Magellan Petroleum Australia Limited

3. REGISTERED ADDRESS OF APPLICANTRegistered Office

c/- G.S. Hutton & Macfarlane  
Chartered Accountants,  
400 Queen Street,  
Brisbane. 4000.

c/- Bryan Hoy & Associated,  
118 Queen Street,  
Melbourne, Victoria. 3000.

c/- Simmons, Wolfhagen, Simmons & Walch,  
A.M.P. Building,  
86 Collins Street,  
Hobart, Tasmania 7000

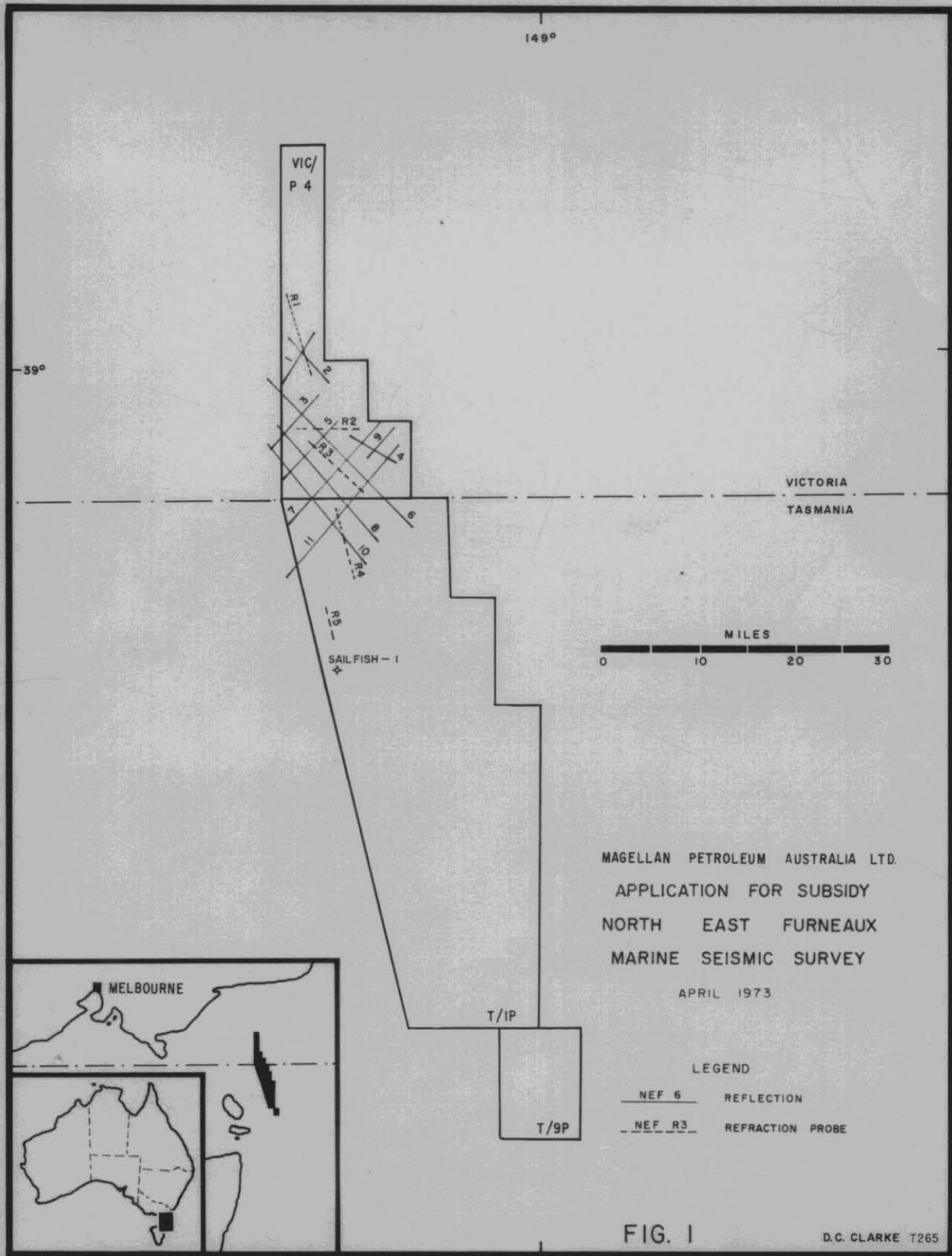
4. NOMINEE

Managing Director  
Magellan Petroleum Australia Limited  
G.P.O. Box 455  
BRISBANE, Qld. 4001.

Telephone Number 21 7505

Telex Number MAGEL AA 40392

Cable Address Magellan Brisbane



MAGELLAN PETROLEUM AUSTRALIA LTD.  
 APPLICATION FOR SUBSIDY  
 NORTH EAST FURNEAUX  
 MARINE SEISMIC SURVEY  
 APRIL 1973

LEGEND  
 — NEF 6 REFLECTION  
 - - - NEF R3 REFRACTION PROBE

FIG. 1

D.C. CLARKE T265

5 cm

5. LOCATION OF THE SURVEY

The survey will be conducted over portions of Exploration Permit for Petroleum VIC/P4 Victoria and T/1P Tasmania and will extend into adjacent Permits VIC/P2 and T/4P.

The area to be covered is roughly bounded by:

Latitude 38° 50' S and 39° 25' S

Longitude 148° 25' E and 148° 45' E

6. REGIONAL GEOLOGY

The Gippsland Basin has an area of approximately 20,000 square miles and is roughly triangular in shape with its apex pointing south. Roughly 70% of the basin lies offshore in the Bass Strait area of the Tasman Sea. The northern boundary is formed by onshore basement type rocks seen in the hills of southeast Victoria. The southwest side is formed by a basement ridge running from Wilson's Promontory southeast to Flinders Island and northeast Tasmania. The eastern limits are unknown. The basin is filled with up to 25,000 feet of Mesozoic and Tertiary sediments.

Palaeozoic sediments, ranging in age from Carboniferous to Ordovician, along with intrusive and extrusive igneous rocks probably underlie all of the Gippsland Basin. These Palaeozoic rocks form part of the section of the Tasman Geosyncline a north south trough extending along eastern Australia from New Guinea to Tasmania.

The Gippsland Basin probably began forming during Jurassic time subsiding along an east west trend and the Jurassic - Lower Cretaceous Strzelecki Group of sediments were deposited in the early stages of the basin development. These predominantly alluvial to upper deltaic sediments were derived from uplifted Palaeozoic igneous and sedimentary rocks north and south of the basin. The resulting thick sequence of greywacke and subgreywacke with abundant plant material and thin coal seams exhibits poor porosity where encountered

onshore in the basin and is considered to be economic basement. Over 8,500 feet of the Strzelecki Group has been encountered onshore and the unit probably thickens to 10,000 feet basinwards.

Uplift occurred at the end of early Cretaceous (Strzelecki) time. Thereafter, periods of sedimentation and uplift, accompanied by folding and faulting, alternated through Eocene time. Orogenic movements became progressively weaker as the Gippsland Basin attained its present shape as an east west trough bounded on the southwest by a down to the north fault system. During these periods of sedimentation the Latrobe Valley Delta Complex was deposited. This complex ranges in age from Upper Cretaceous to Eocene and the several cycles of sedimentation and uplift resulted in local unconformities. Two main units have been defined and are the Upper Cretaceous-Paleocene unit referred to as the Childers Formation and the Eocene Latrobe Valley Coal Measures.

The Childers Formation is a deltaic (?) unit that is apparently predominantly continental in origin but contains beds with interstitial salt water. The unit is estimated to attain a thickness of 6,000 feet in the Tuna area and consists of interbedded sandstone, siltstone, shale and coal. The sands are typically clean and range from very fine to pebbly. Porosity values of up to 25% and permeabilities up to 300 m.d. are attained in this unit.

The Latrobe Valley Coal Measures consist of delta sandstones and coal measures and attain a thickness of 5,000 feet. Offshore this unit consists of approximately 75% clean well sorted friable sand which constitutes the major reservoir to date for Gippsland oil and gas. Onshore the sandstones contain fresh water becoming more brackish or marine eastward. Porosities of 26-30% and permeabilities of up to 5 darcies are reported from the Marlin Field.

After a late Eocene uplift and erosional period, subsidence occurred allowing the sea generally to cover the entire basin.

Oligocene Lakes Entrance was deposited and ranges in thickness from 200 to 500 feet. In localised areas such as river beds etc. and possible submarine canyon type erosion features formed during the early part of the marine invasion, the Lakes Entrance sediments reach a thickness in excess of 2,500 feet. The unit is predominantly a calcareous and glauconitic mudstone and provides the cap rock for the Latrobe Valley reservoir rocks.

Another hiatus followed Lakes Entrance deposition and some channels were cut into these sediments which were in turn filled with Miocene Gippsland Formation marls. The Gippsland Formation is similar in lithology to the Lakes Entrance and attains a maximum thickness of approximately 6,000 feet. Results from the Sailfish No. 1 well show that during early Gippsland Formation localised areas were subject to volcanic action resulting in cushions of pyroclastics being formed. These cushions have a similar seismic response to those produced by reef formations.

In the southeastern portion of the basin Pliocene fossiliferous sands and marls overlie the Gippsland Formation and attain thicknesses of up to 1,000 feet.

Geophysical evidence to date suggests that Latrobe Valley Delta Complex rocks are present over most of Permit VIC/P4, although they may be thin or absent at the southern end, and that these rocks also occur over much of T/1P. Post Eocene rocks show considerable thinning east across the area and Oligocene may be absent from eastern margins.

#### 7. PREVIOUS GEOPHYSICS

The Gippsland Basin was broadly outlined by four aeromagnetic surveys:

Gippsland Basin Airborne Magnetic Surveys, Victoria  
1951-52/56 by B.M.R. J.H. Quilty No. 95

Bass Strait and Encounter Bay Aeromagnetic Survey,  
1960-61. Hematite Exploration Pty. Ltd. 1965  
Publication No. 60

Aeromagnetic Survey, Eastern and Western Bass  
Strait Magellan Petroleum Southern Pty. Ltd.  
January 1968

The First of these surveys showed a deep basement trough offshore east of Lake Wellington with sediments in the order of 15,000 feet thick thinning to 2,000 feet south of Wilsons Promontory. The second defined the western margin of the Gippsland Basin and indicated the extent of the Bass Basin and its separation from the Otway and Gippsland Basins by basement ridges. The Magellan survey showed shallow basement to the western side of their area plunging eastward and forming a deep trough with up to 19,000 feet of sediment above magnetic basement.

Several seismic surveys followed the earlier aeromagnetic surveys and generally confirmed the basin shape and outlined several large anticlines which subsequently led to the discoveries of large oil and gas accumulations. Later surveys gradually refined the structural configuration of the western Gippsland Basin and clarified the geology of more complex features e.g. Miocene Channels. Reports covering this phase of exploration include:

Hematite Gippsland Marine Seismic Survey  
by Western Geophysical Co. (G lines) August 1963

Gippsland Shelf Marine Seismic Survey for Esso  
by Western 1965 (EG lines)

Eastern Bass Strait Marine Seismic Survey for Esso  
by G.S.I. March 1967 (ET lines)

Offshore Gippsland Basin Marine Seismic Survey  
EC-67 for Esso by G.S.I. May 1968

Offshore Gippsland Seismic Survey Victoria PEP57  
for Shell by G.S.I. March 1966

Sole Sparker Survey for Shell by G.G.G. September 1967

Gippsland EH-68 Marine Seismic Survey for Esso  
by Western and G.S.I. December 1968.

The first main seismic survey to be conducted over VIC/P4 and T/1P was:

East Gippsland Basin Area Marine Seismic Survey for Magellan Petroleum Southern Pty. Ltd. field work by Western Processing and Interpretation by G.S.I. June 1969.

Results from this survey were generally good. They showed basement dipping north eastward in what is now VIC/P4 and generally eastward in T/1P. Sediments of the Latrobe Valley Delta Complex were found to be thin or absent in the area where the two leases join and thickening north and south to 7,000 and 6,000 feet respectively. Post Eocene rocks thin eastward across the area and Oligocene may be absent from its eastern margins. The Top Latrobe Complex map showed several anticlinal features, noses, structural and stratigraphic leads.

Further seismic work was conducted over VIC/P4 and T/1P during the latter part of 1969:

Tasman-Bass Strait Marine Seismic Survey for Magellan Petroleum by Teledyne November 1969

The work in T/1P further delineated an anticlinal feature outlined during the East Gippsland Survey and gave further stratigraphic control. The work in VIC/P4 showed that a structural lead from the East Gippsland survey proved to be a faulted nose. Several reconnaissance sparker profiles were shot to further knowledge of the section thickness and basin configuration at the eastern boundary of the Gippsland Basin.

One of the lines from the Esso Offshore Gippsland Basin Marine Seismic Survey crossed into T/1P and a reef type anomaly was evident on it. This led to the

Sailfish Marine Seismic Survey for New South Wales Oil and Gas Company by G.S.I., Teledyne and Planet Management and Research Pty. Ltd. April 1971.

This survey was a detailed coverage of the western third of T/1P and delineated an area of possible reef formations.

Subsequent drilling (Sailfish No. 1) showed that the anomalies were caused by porous non-permeable pyroclastics. A refraction spread in the area of these pyroclastics showed a velocity of 19,000 feet per second to be roughly coincident with the Base of Oligocene reflection suggesting that in this immediate area post-Eocene sediments lie on basement.

8. REASONS FOR THE SURVEY

As mentioned above the East Gippsland Basin Area Marine Seismic Survey produced several leads. The objectives of the proposed survey are to further delineate two of these leads and to conduct refraction probes to determine the presence or absence of pre-Oligocene beds in the area of the probes to assist in the interpretation of the reflection programme. (Figure 2).

Lines NEF 1 & 2 are programmed to further control on the nose seen in that location. The remainder of the reflection lines are to examine the basement high at the junction of the two leases for possible closure of Latrobe Valley Delta Complex beds over it and/or stratigraphic traps on its flanks.

9. PROPOSED OPERATION

The proposed operation consists of approximately 110 miles of multifold digital seismic reflection traverse and five refraction probes.

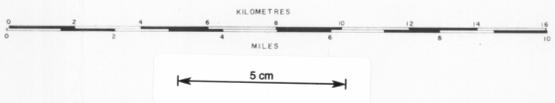
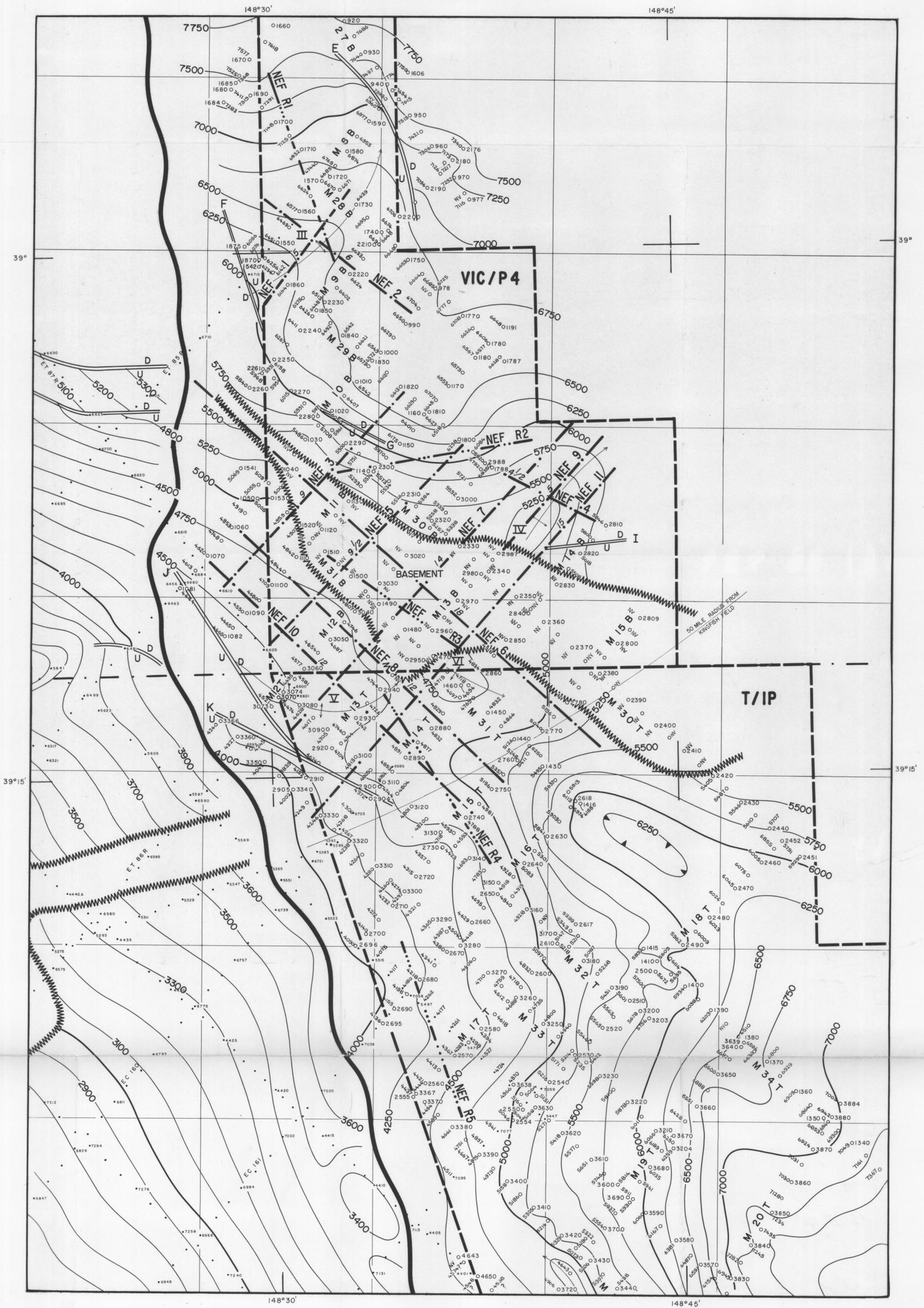
Data acquisition and processing will be by Geophysical Service International and depending on the duration of current surveys is expected to commence in late April (A more precise date will be given when available). Recording will be by the M/V Eugene McDermott II. Details of equipment and staffing of this boat is attached. Navigation will be provided by Offshore Navigation Inc using a three base Shoran Extended Range system. Reflection shooting will employ a 2400 metre,

495011

48 trace streamer and shot point interval will be 50 metres.  
Refraction probes will be made using sonobouys.

Depending upon weather conditions it is anticipated that data aquisition time will be approximately four days of which approximately 35 hours will be for refraction work. The final report will be submitted within four months of the end of field work.

The survey will be supervised and results interpreted by J.E. & C.J. Milner of Brisbane, which company has been retained by the applicants for that purpose.



NEF 8 REFLECTION  
NEF R4 REFRACTION PROBE  
... APPROXIMATE MILAGE

MAGELLAN PETROLEUM AUSTRALIA LTD.  
APPLICATION FOR SUBSIDY  
PROPOSED PROGRAMME  
NORTH & EAST FURNEAUX  
MARINE SEISMIC SURVEY  
HORIZON TOP LATROBE COMPLEX  
APRIL 1973

495012

FIG. 2

CR-0398

APPENDIX A

M/V EUGENE McDERMOTT II

495013

Length (overall)	171 feet
Beam	38 feet
Draft	11 feet
Gross Tonnage	890 long tons
No. Shafts	2
Main Engines	2 - D399 Caterpillar 1200 HP each
Berthing Accommodations	31 bunks. 13 single cabins 3 x 2 man cabins 3 x 4 man cabins
Power	2 Generators 415 Volts each 3 phase and 240 Volts single phase. 208 KW each. Powered by 2 - D343 Caterpillar 2 Alternators 110 Volts - 60 Cycle 25 KW each
Radars	2 Decca 1 Model 429 1 Model 329 Both with a range of 48 Nautical miles.
Sonar	Honeywell Side Seeking Range 1200 yards
Fathometers	2 Ross Fineline 1 model Surveyor 500 (400') 1 model Surveyor 400A (2400') ELAC DEBEB LAZ-17 Sounder. Range 0 - 2200 fathoms.
Radios	1 RF 6 channel SSB 1 KW Transmitter 1 Nera VHF 16 channel 2 Marine Radios
Ship's Crew	10
Speed	Cruising 12 Knots
Endurance	30 days

495014

Seismic Equipment

Recording

2 Sets 24 Channel DFS IIIs, with  
3 Transports - 1" with 712 BPI  
Packing Density.

Streamers

2400 meter - 48 channel with  
30 Acceleration Cancelling Hydrophones  
per 50 meter Section Convertible to  
1600 meter - 24 trace.

Air Compressors

2 Norwalk driven by D333 Caterpillars

Air Gun Array T.1.

1300 cubic inch.

Varian Marine Proton Magnetometer La Coste Romberg Gravity  
Meter (as required)

Navigation

Geonav II Satellite System  
X-R Shoran

NORTH EAST FURNEAUX MARINE SEISMIC  
SURVEY POSITIONING SYSTEM

The positioning system will be an X-R Shoran System utilizing 3 base stations as below:-

Black Warri	38° 24' 15.070"S	146° 38' 49.260"E
Mount Cann	37° 38' 54.133"S	148° 58' 39.722"E
Mount Taylor	37° 42' 26.745"S	147° 33' 33.075"E

Geophysical Service International have applied for renewal of licences for these stations and for permission to reoccupy as necessary.

APPLICATION FOR SUBSIDY FOR THE  
NORTH EAST FURNEAUX MARINE SEISMIC SURVEY  
VIC/P2 and VIC/P4 VICTORIA and T/1P and T/4P TASMANIA

LIST OF CONTENTS (Folder No. 2)

1. Details of Petroleum Title
2. Permission of Adjacent Leaseholders
3. Contract
4. Cost Estimate
5. Financial Position of Applicant
6. Certification of Percentage Contribution of each Participating Company
7. Nominee for Receipt of Subsidy Payment
8. Extent of Australian Ownership of Participants.

1. DETAILS OF PETROLEUM TITLES

	<u>T/1P</u>	<u>VIC/P4</u>
Expiry Date	July 1974	June 1975
Interest holders		
Magellan Petroleum Australia Limited	88-1/3%	83-1/3%
Southern Pacific Petroleum N.L.	16-2/3%	16-2/3%

VIC/P2 and T/4P are held by the Esso-BHP Consortium

2. PERMISSION OF ADJACENT LEASEHOLDERS

Permission to carry out and publish the results of that part of the survey (Approximately 9 miles reflection traverse) lying on VIC/P2 and T/4P has been sought from the leaseholders. A copy of their permission is enclosed.

3. CONTRACT

The contract is currently being negotiated between Magellan and G.S.I. An executed copy will be forwarded as soon as available.

4. COST ESTIMATE

The cost of the operation is expected to be approximately \$66,000 composed as follows:

Field Data Collection:

110 miles multifold reflection data at \$250 per mile	27,500.00
35 hrs. Refraction @ \$450 per hr.	15,750.00
20 Sona Bouys @ #315 each	6,300.00
Sona Bouy receiver and operator	1,000.00
Permits, Pilots, Harbour dues etc.	200.00

Data Processing:

110 miles @ \$81.25 per mile	8,938.00
5 filter analysis	150.00

495018

Interpretation:

Data processing supervision and preparation of final report	3,500.00
<u>Drafting, Reproduction, Printing, Photo's etc. (Including preparation of Final Report)</u>	1,000.00
Miscellaneous supplies and transportation	362.00
Technical Supervision - Field	1,000.00
"                    "          - Expenses	300.00
	<hr/>
TOTAL	\$66,000.00
	<hr/> <hr/>

5. FINANCIAL POSITION OF APPLICANT

A letter certifying the applicants ability to pay for the survey and a copy of the applicants Annual Report 1972 is enclosed.

6. CERTIFICATION OF PERCENTAGE CONTRIBUTION OF EACH PARTICIPATING COMPANY

Letter attached

7. NOMINEE FOR RECEIPT OF SUBSIDY PAYMENT

Subsidy payments should be made payable to Magellan Petroleum Australia Limited and sent to:

Managing Director  
Magellan Petroleum Australia Limited,  
G.P.O. Box 455,  
BRISBANE, 4001.

8. EXTENT OF AUSTRALIAN OWNERSHIP OF PARTICIPANTS

See declarations attached.

80 - NEFSS



# ESSO AUSTRALIA LTD.

*[Handwritten initials and signature]*

495019

G.P.O. BOX 4047 SYDNEY 2001 TELEPHONE 2-0157 (AREA CODE)  
ESSO HOUSE, 127 KENT STREET, SYDNEY, NEW SOUTH WALES  
TELEGRAMS "ESSO" CABLES "ESSEAST"

24 NOV 1972

TO	SYDNEY	November 21, 1972.
HANDLED BY		PRINTED BY
GIVE DAYOUR REFERENCE		

OUR REF.

SUBJECT

Magellan Petroleum Australia Limited,  
G.P.O. Box 455,  
BRISBANE QLD. 4001.

Attention: Mr. Roy M. Hopkins,

Dear Sir,

We appreciate your letter requesting permission to shoot approximately nine miles of seismic into VIC P/2 and T/4P.

We have no objection to this proposal, provided we are supplied with copies of those portions entering into our acreage at your earliest convenience.

We wish you luck in your program.

Yours very truly,

*M.W. Leighton*  
M.W. Leighton

WFT/jh

COPIES		
NY	✓	✓
COCRO	✓	✓
HTFD	✓	✓
WASHN	✓	✓
DALLAS	✓	✓
CLERY		
ALICE		
TSV		
APSCO		
EGP		
5PP	✓	✓

27-11-72



495020

## MAGELLAN PETROLEUM AUSTRALIA LIMITED

REGISTERED OFFICE AND SHARE REGISTRY  
G. S. HUTTON & MACFARLANE  
CHARTERED ACCOUNTANTS  
400 QUEEN STREET  
BRISBANE

TELEPHONE: 21 1533  
CABLE & TELEGRAPHIC ADDRESS:  
"MARESBA"  
POSTAL ADDRESS:  
BOX 39, G.P.O., BRISBANE, 4001

MGA/MG.

10th April, 1973.

The Directors,  
Magellan Petroleum Australia Limited,  
201 Wickham Terrace,  
BRISBANE. Q. 4000.

Dear Sirs,

I hereby certify that the following situation exists with regard to the Issued Capital of this Company as at the 31st March, 1973. All shares referred to are 50c fully paid shares.

Number of Shares listed on Australian Stock Exchanges	5,774,686
Number of Shares unlisted	<u>6,123,494</u>
<u>Total Shares Issued</u>	<u>11,898,180</u>

Only two shareholders own in excess of 5% of the listed Issued Capital of the Company. These are -

Magellan Petroleum Corporation	307,908
Pantepec International Inc.	2,514,226

The Australian content of those shares listed on the Australian Stock Exchanges represents 44.48% of the total listed, while the Australian holding of the total shares issued represents 21.59%.

Yours faithfully,

per Secretary.

495021



# MAGELLAN PETROLEUM AUSTRALIA LIMITED

TECHNICAL OFFICE:  
7th Floor, Alexandra Chambers  
201 Wickham Terrace, Brisbane

Telephone: 21-7505  
Cables and Telegrams: "MAGELLAN BRISBANE"  
Telex: AA40392  
Address all correspondence:  
G.P.O. Box 455, Brisbane, Australia, 4001

11th April, 1973

JNB/jf

The Director,  
Bureau of Mineral Resources,  
(Petroleum Exploration Branch),  
P.O. Box 378,  
CANBERRA CITY, A.C.T. 2601.

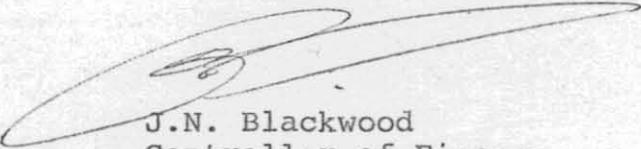
Dear Sir,

Re: Subsidy Application North East Furneaux  
Marine Seismic Survey VIC/P4 Victoria  
and T/1P Tasmania

In support of the above application for subsidy we confirm that this company has sufficient funds available to complete this work, the estimated cost of which is approximately \$66,000.

A copy of the Magellan Petroleum Australia Limited Annual Report for 1972 is enclosed in support of this statement.

Yours faithfully,

  
J.N. Blackwood  
Controller of Finance

Encl.

495022

**MAGELLAN PETROLEUM AUSTRALIA LIMITED**

TECHNICAL OFFICE:  
7th Floor, Alexandra Chambers  
201 Wickham Terrace, Brisbane

Telephone: 21-7505  
Cables and Telegrams: "MAGELLAN BRISBANE"  
Telex: AA40392  
Address all correspondence:  
G.P.O. Box 455, Brisbane, Australia, 4001

11th April, 1973

JNB/jf

The Director,  
Bureau of Mineral Resources,  
(Petroleum Exploration Branch),  
P.O. Box 378,  
CANBERRA CITY, A.C.T. 2601.

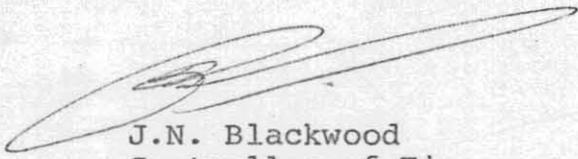
Dear Sir,

Re: Subsidy Application North East Furneaux  
Marine Seismic Survey VIC/P4 Victoria  
and T/1P Tasmania

I hereby certify that all costs connected with  
the above survey will be born by the following companies  
at the following rates-

Magellan Petroleum Australia Limited	83-1/3%
Southern Pacific Petroleum N.L.	16-2/3%

Yours faithfully,



J.N. Blackwood  
Controller of Finance



495023

## NOTE NEW ADDRESS

A.C. Lewis House  
159 Kent Street, Sydney Australia 2000  
Box 4024, GPO Sydney, Australia 2001  
Telephone 27 5282  
Cable TRANSPAC Sydney

## Southern Pacific Petroleum NL

INCORPORATED IN THE AUSTRALIAN CAPITAL TERRITORY

Royal Exchange Building,  
56 Pitt Street, Sydney, Australia 2000  
Box 4024, GPO Sydney, Australia 2001  
Telephone 27 5282  
Cable TRANSPAC Sydney

RHH:DC

11th April, 1973.

The Director,  
Bureau of Mineral Resources,  
(Petroleum Exploration Branch),  
P.O. Box 378,  
CANBERRA CITY, A.C.T. 2601.

Dear Sir,

Re: Subsidy Application for  
Bass Strait Programme.

In support of the application we submit the following information.

1. Southern Pacific Petroleum N.L. was incorporated under the Australian Capital Territories Companies Ordinance, 1962, on the 6th February, 1968.
2. ANZ Nominees Ltd. is the only nominee company shareholder having an interest in excess of 5%, and we are attempting to ascertain the beneficial ownership by Australians in that company.
3. The Secretary's Statutory Declaration concerning the beneficial ownership of the Company's shares has been qualified by word "estimated" because of the uncertainty of the beneficial ownership of the nominee company shareholders. For the purpose of the Statutory Declaration, those companies have been assumed to be beneficially owned by persons other than Australian residents.
4. We enclose a copy of a letter to the A.N.Z. Nominees Ltd. requesting the percentage of beneficial ownership held by Australian residents. When this information is to hand together with an updated analysis of shareholders by residence from our share registry office, we will provide a further Statutory Declaration concerning the interest held by Australians in this company.
5. The registered shareholders of Southern Pacific Petroleum who hold in excess of 5% of the issued capital of the Company are listed below:-

Name & Address	Ctg. Shares	F.P. Shares	Total No. of Shares	% of Total Issued Ord. Share Capital
Oil Structure Surveys Ltd. GPO Box 4024, SYDNEY. NSW.	1,736,200	1,007,763	2,743,963	19.67
Central Pacific Minerals N.L. GPO Box 4024, SYDNEY. NSW.		1,320,703	1,320,703	9.47
ANZ Nominees Ltd. GPO Box 2842AA MELBOURNE. VIC.	15,000	762,549	777,549	5.57

(a) Oil Structure Surveys is a wholly owned subsidiary of Trans Pacific Petroleum N.L. Trans Pacific Petroleum was incorporated on the 9th January, 1964, under the Australian Capital Territories Companies Ordinance of 1962. The Company has on issue 1,325,000 fully paid 50c shares of which 47.0% are beneficially owned by residents of Australia. Shareholders holding in excess of 5% of the Company's issued capital are listed below:-

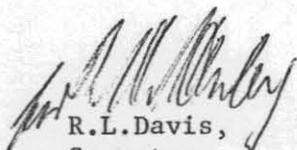
Name & Address	No. of Shares	% of Issued Capital
Mr. Ian McFarlane 40 Wentworth Road Vaucluse. N.S.W.	410,349	30.97
Mr. Dudley N. Schoales, 140 Broadway, New York. 10005.	82,000	6.19
Mr. William Ewing, Jr. Clark Dodge & Co. 61 Wall Street, New York. 5.	80,000	6.04

(b) Central Pacific Minerals N.L. is a listed Australian Company which was incorporated under the Australian Capital Territories Companies Ordinance, 1962, on the 21st February, 1968. The Company has on issue 5,328,000 50c shares comprising 3,644,274 fully paid shares and 1,683,726 contributing shares paid to 25c. The shares held by Australian residents at 30th June, 1972 were 97.3% of the issued capital of the Company. There are no known subsequent major changes to the Australian resident shareholdings. All the shares are listed and available to the Australian public. Major shareholders of Central Pacific Minerals who hold in excess of 5% of the issued capital are listed below:-

Name & Address	Ctg.Shares	F.P.Shares	Total Shares	% of Total Issued Ord. Share Capital
Southern Pacific Petroleum N.L. Box 4024 G.P.O. SYDNEY. 2001.		800,000	800,000	15.01
Oil Structure Surveys Ltd. Box 4024 GPO, SYDNEY. 2001	535,400	238,199	773,599	14.52
ANZ Nominees Ltd. GPO Box 2842AA MELBOURNE. VIC.		305,700	305,700	5.74

6. Southern Pacific Petroleum does not have any unlisted shares on issue.

Yours faithfully,  
SOUTHERN PACIFIC PETROLEUM N.L.

  
R.L.Davis,  
Secretary.

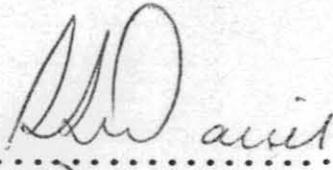
STATUTORY DECLARATION

I, Richard Lloyd Davis of 19 Prince Edward Parade, Hunters Hill, New South Wales, do solemnly and sincerely declare as follows:-

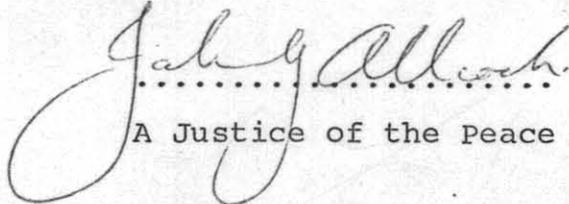
1. That I am the Secretary of Southern Pacific Petroleum N.L.
2. That the Company has on issue 13,950,000 50c shares comprising 9,409,400 fully paid shares and 4,540,600 10c paid shares.
3. That an estimated 88% of the ordinary shares of the Company are held by Australian residents.

And I make solemn declaration conscientiously believing the same to be true and by virtue of the provisions of the Oaths Act 1900.

Subscribed and Declared at )  
Sydney this eleventh day of )  
April, 1973. )

  
.....

Before me

  
.....  
A Justice of the Peace

**Southern Pacific Petroleum NL**

INCORPORATED IN THE AUSTRALIAN CAPITAL TERRITORY

**NOTE NEW ADDRESS**

A.C. Lewis House  
159 Kent Street, Sydney Australia 2000  
Box 4024, GPO Sydney, Australia 2001  
Telephone 27 5282  
Cable TRANSPAC Sydney

Royal Exchange Building,  
56 Pitt Street, Sydney, Australia 2000  
Box 4024, GPO Sydney, Australia 2001  
Telephone 27 5282  
Cable TRANSPAC Sydney

RHH:DC

11th April, 1973.

The Secretary,  
ANZ Nominees Ltd.,  
G.P.O. Box 2842AA,  
MELBOURNE. VIC. 3001.

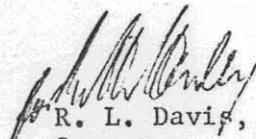
Dear Sir,

We attach a copy of a circular dated February 28, 1973 from the Department of Minerals and Energy concerning subsidies for offshore operations.

Your company at present holds 5.57% of the issued capital of Southern Pacific Petroleum N.L., and it would be of assistance to us in obtaining such subsidies to be in position to indicate to the Department the extent of beneficial ownership by Australians in ANZ Nominees Ltd.

Your co-operation in providing this information would be greatly appreciated.

Yours faithfully,

  
R. L. Davis,  
Secretary.