

475001

T/15P  
BASS BASIN  
TASMANIA  
BACKGROUND PAPERS  
VISIT TO TASMANIAN DEPARTMENT OF MINES  
MARCH 1989

521/64/KS/MMG

Visit to Tasmanian Department of MinesContents

Cover Letter by K Skipper

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Graticular Blocks

Regional Permit Map

Participants (as at 1.8.88)

Seismic Coverage Highlighting Bridge 1988 Seismic Survey

Pre-1988 Leads and Prospects

1989 Leads and Prospects

*Bass Basin - Stratigraphic Column.*



475003

**Bridge Oil Limited**

Ref: 521/42/KS/mmg

8 March 1989

Department of Mines  
Gordons Hill Road  
ROSNY PARK TAS 7018

ATTN: Mr Hugh Murchie

Dear Sir,

**RE: T/15P, BASS BASIN, TASMANIA**

On behalf of the T/15P Bass Basin Joint Venture participants Bridge Oil is pleased to report on the results of the work undertaken in the permit during 1988 and our plans for future exploration in this permit.

The technical results of the Bridge Bass 1988 Seismic Survey, which totalled 610.8 km have been previously transmitted to you. This large survey has completed the seismic obligations on this permit as required by the second term of the renewal. The permit therefore remains in "good standing" until a well is required to be drilled between May 1990 and April 1991.

On the basis of seismic coverage acquired to date, a large number of potential play types are possible in the "Boobyalla Sub-basin" but additional seismic will be required to mature any drilling locations. The area is extremely complicated and the seismic acquisition and research work by the BMR has assisted in the evaluation of this area. Indeed, the joint venture is about to process at its sole cost in excess of 1,000 km of BMR regional data recently acquired by the "Rig Seismic".

Geohistory simulation work using a Bridge in-house "MATOIL" routine is presently being done to develop source rock scenarios to aid in estimating the volumes of oil (or gas) which potentially have been generated in the source rock envelopes that could drain into our major leads. Preliminary results are commensurate with the risks previously perceived for the Boobyalla Sub-basin in that there remains the potential for an inadequate volume of mature source rock to fill interpreted structures.



475004

Department of Mines

-2-

8 March 1989

As you know, the joint venture has also experienced some difficulties in keeping the parties together under the provisions of the J.O.A. Default by Weaver Oil and Gas on the 1988 programme has led the joint venture to seek legal opinion and action to have Weaver removed from the title. Correspondence is continuing on this issue.

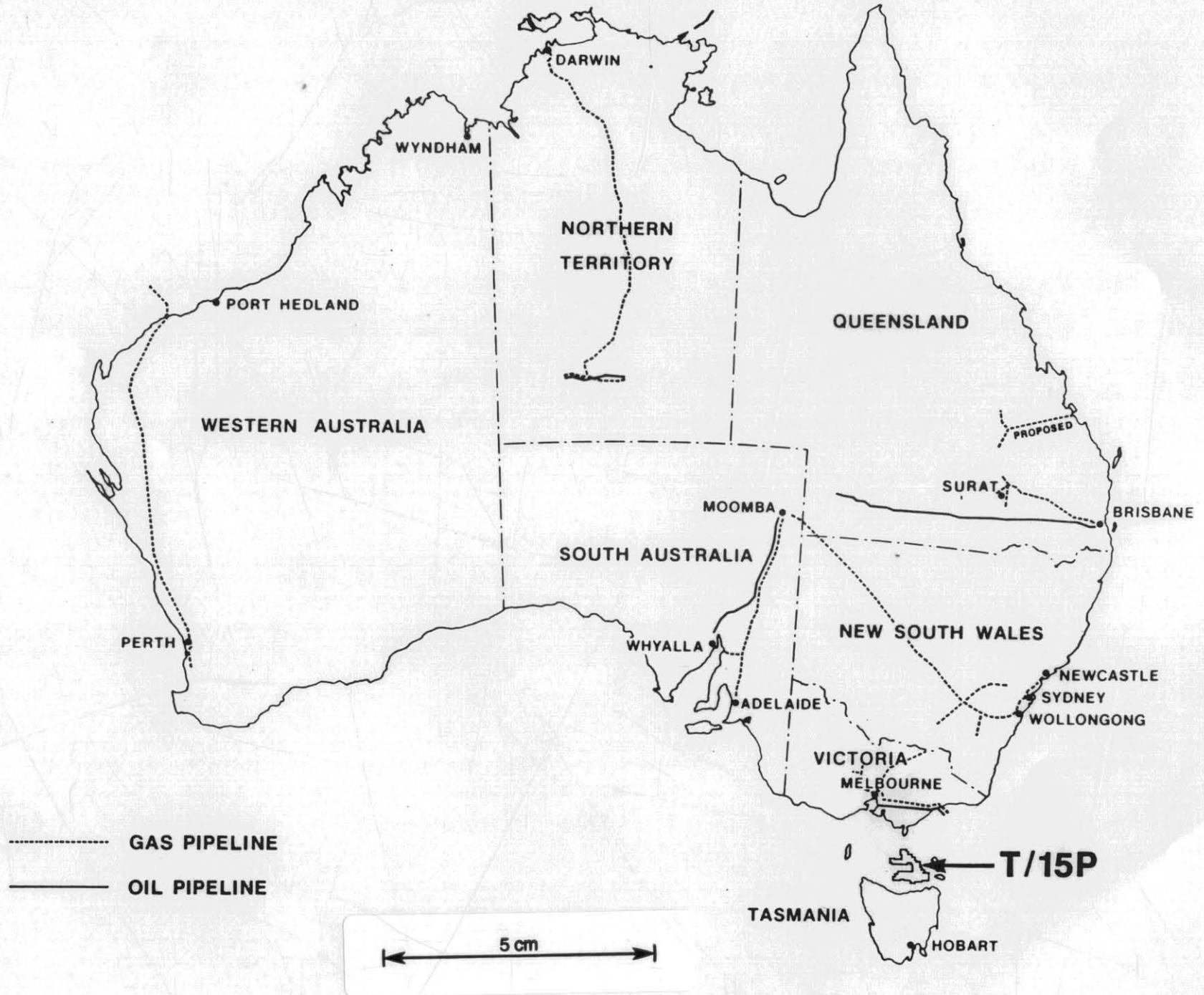
The technical risks and high equities of company's like Bridge in the permit has led us to seek additional parties to explore this acreage. During 1989 we shall search actively for a farminee to acquire equity in the permit by sharing in the risk capital required to record additional seismic data and to drill the obligation well in early 1991.

The current oil price makes new exploration projects in high risk areas less attractive to many explorers as the corporate competition for funds favours, in some instances, corporate acquisitions and lower risk appraisal drilling on known fields.

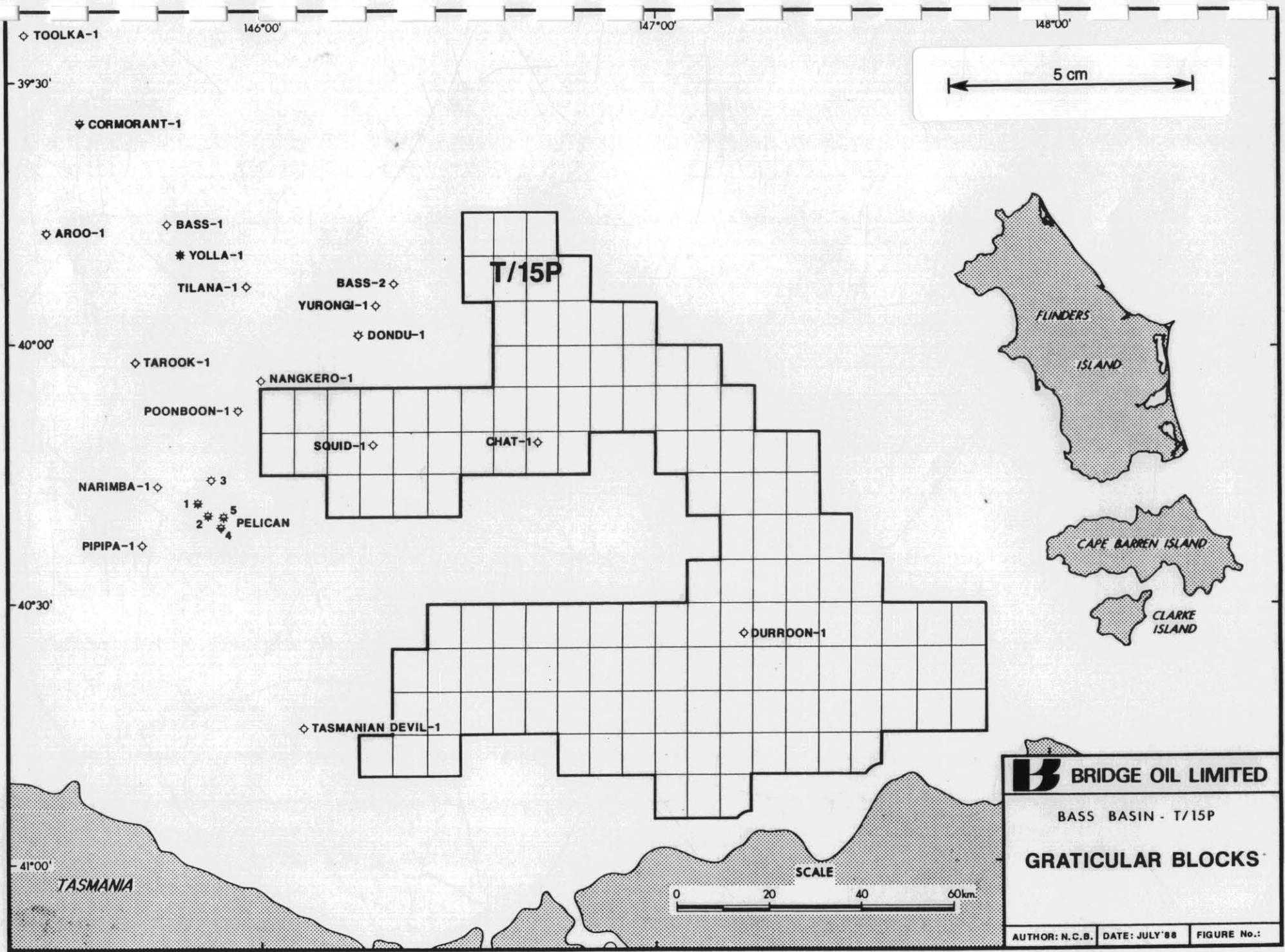
We await with interest the offshore Tasmanian gazettals planned for 1989; the bidding and award of these blocks will be a barometer for the interest shown by the industry in the Bass Basin.

Yours faithfully,  
BRIDGE OIL LIMITED

K Skipper  
Exploration Manager



475005



**B** BRIDGE OIL LIMITED  
 BASS BASIN - T/15P  
**GRATICULAR BLOCKS**  
 AUTHOR: N.C.B. DATE: JULY '88 FIGURE No.:

475006

144°00'

145°00'

147°00'

39°30'

40°00'

40°30'

0 20 40 60 kms.

LOCALITY DIAGRAM



**YOLLA-1 TEST DATA**

DST 1 : 2809-2814m 10.2 MMCFD  
 PROD. TEST 1 : 2818-2824m 15.1 MMCFD WITH 580 BCPD  
 PROD. TEST 3 : 1833.1-1833.8m 10.1 MMCFD WITH 300 BOPD  
 1813.0-1833.8m 11.8 MMCFD WITH 933 BCPD

**FIELD RESERVES**  
 20 MMBO REC. + 0.485 TCFG REC.

**PELICAN-5 TEST DATA (THROUGH CASING)**

DST 4 : 3143-3162.5m 300 MCFD  
 DST 6 : 2786-2790m 3.5 MMCFD WITH 400 BCPD

**FIELD RESERVES**  
 0.9 TCFGIP (0.5 TCFG REC.) + 125 MMBCIP

**BRIDGE OIL LIMITED**

BASS BASIN

**REGIONAL PERMIT MAP**

AUTHOR: N.C.B. DATE: JULY '88 FIGURE No.:

5 cm

TASMANIA

KING ISLAND

FLINDERS ISLAND

HUNTER ISLAND

THREE HUMMOCK ISLAND

ROBBINS ISLAND

BASIN EDGE

T/15P

KONKON-1

SEAL-1

TOOLKA-1

COORMORANT-1  
KOORKAH-1

AROO-1

BASS-1  
\*YOLLA-1

TILANA-1

BASS-2  
YURONGI-1

BASS-3

DONDU-1

TAROOK-1

NANGKERO-1

POONBOON-1

SQUID-1

CHAT-1

NARIMBA-1

PELICAN  
1 2 3 4 5

PIPIPA-1

DURROON-1

TASMANIAN DEVIL-1

**T/15P, BASS BASIN**  
**PARTICIPANTS (1.8.88)**

<b>BRIDGE (OPERATOR)</b>	<b>43.985%</b>
<b>UNION PACIFIC</b>	<b>24.397%</b>
<b>PEKO</b>	<b>16.176%</b>
<b>KIMBERLEY</b>	<b>7.353%</b>
<b>CLUFF</b>	<b>4.044%</b>
<b>WINTON</b>	<b>4.045%</b>
	<b><u><u>100.000%</u></u></b>

475009



Australian National Spheroid  
 U.T.M. Projection  
 Zone 55 C.M. 147 deg  
 Equatorial Origin 10,000,000 meters  
 Central Meridian Origin 500,000 meters  
 Central Meridian Scale Factor .9996

Locality Map



Legend

————— Bridge 1988 seismic survey  
 ———— existing seismic

**B** Bridge Oil Limited

BASS BASIN  
TASMANIA

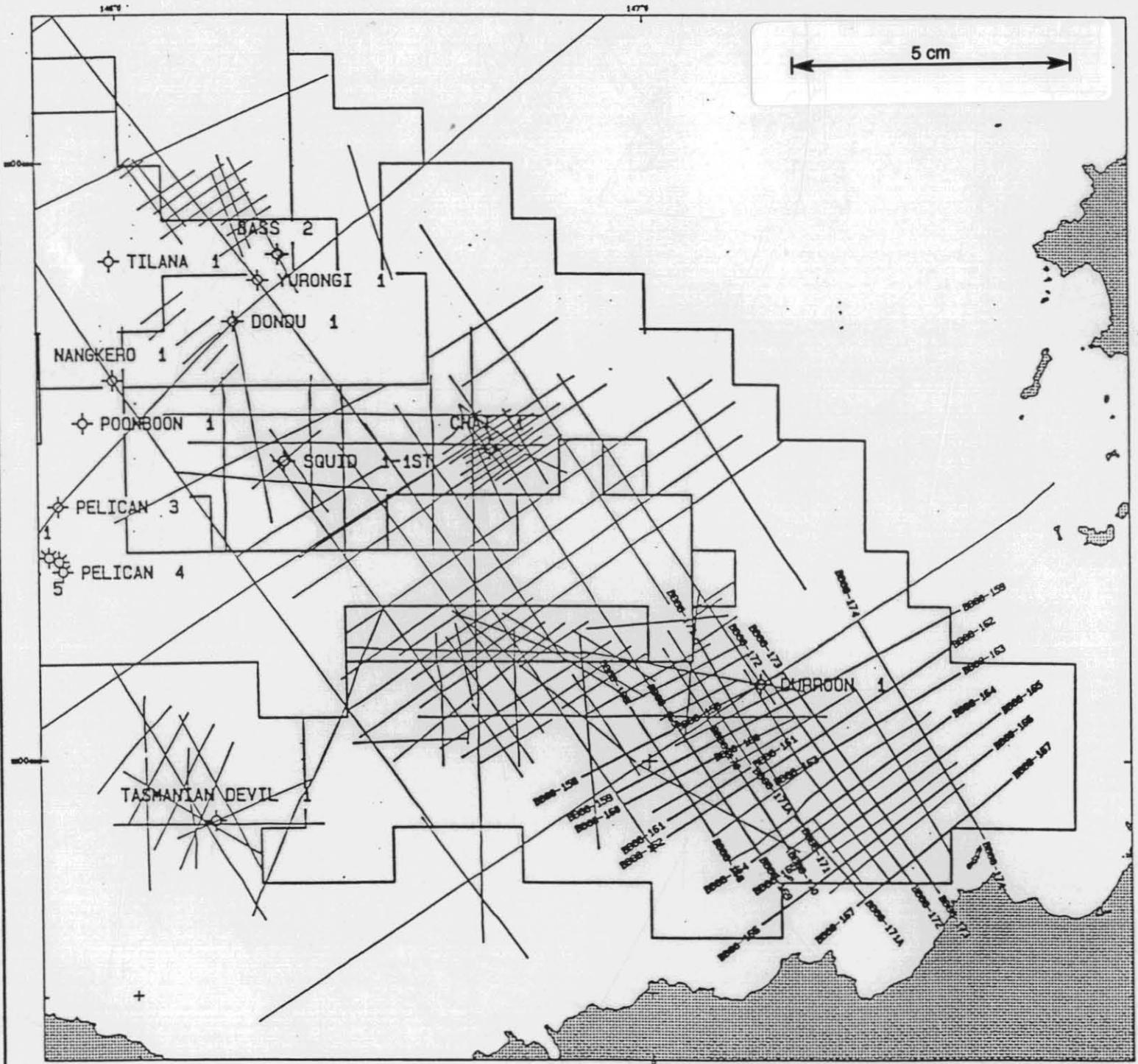
T/15P

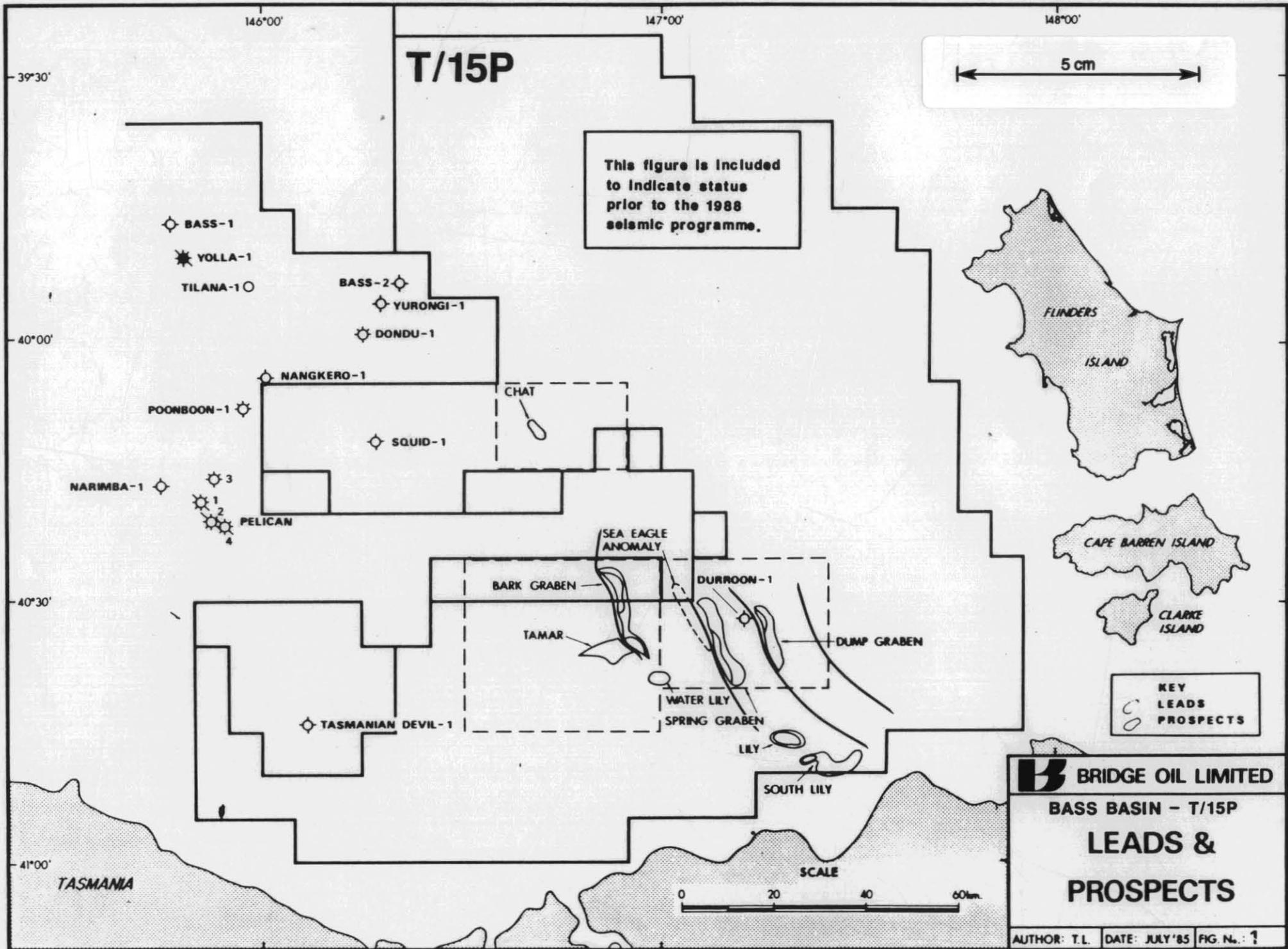
SEISMIC COVERAGE  
HIGHLIGHTING BRIDGE  
1988 SEISMIC SURVEY

Compiled by: AP | Date: 6-Oct-88

Drawn by: cjj

5 cm





# T/15P

This figure is included to indicate status prior to the 1988 seismic programme.

5 cm

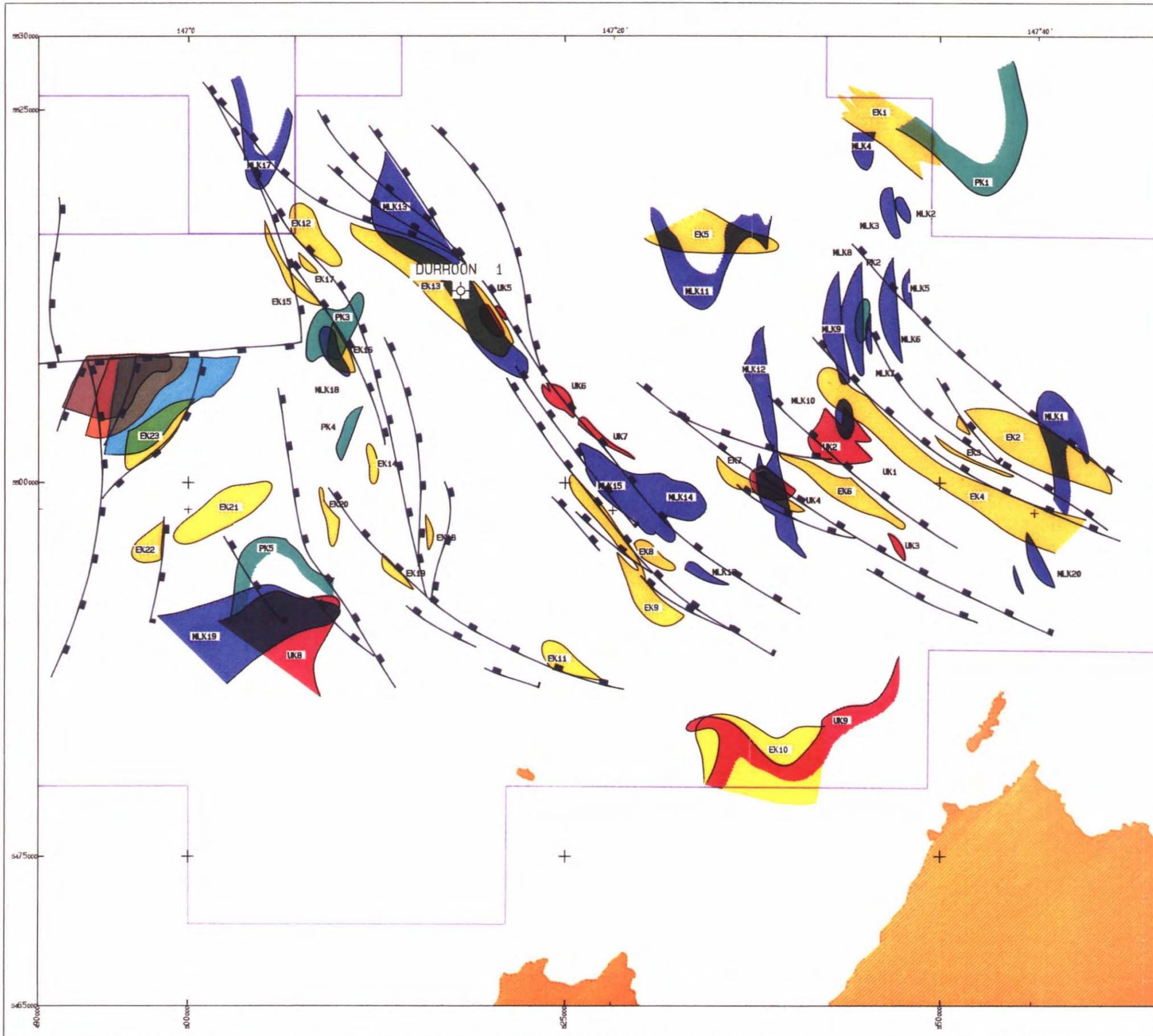
KEY  
 ○ LEADS  
 ○ PROSPECTS

**B** BRIDGE OIL LIMITED  
 BASS BASIN - T/15P  
**LEADS & PROSPECTS**

SCALE  
 0 20 40 60km.

AUTHOR: T.L. DATE: JULY '85 FIG. No.: 1

475010



5 cm

N

SCALE  
1:125000

0 1 2 3 4 5 6 7 8 9 10  
KM

Australian National Spheroid  
U.T.M. Projection  
Zone 55 C.M. 147 deg  
Equatorial Origin 10,000,000 meters  
Central Meridian Origin 500,000 meters  
Central Meridian Scale Factor .9996

**Legend**

- leads/prospects on the Near Top Early Cretaceous Unconformity (EK).
- leads/prospects on the Mid Late Cretaceous Unconformity (MLK).
- leads/prospects on the Near Top Late Cretaceous Unconformity (UK).
- leads/prospects on the Near Top Paleocene (PK).
- leads/prospects on the Bark Graben 'G' fan
- leads/prospects on the Bark Graben 'O' fan
- leads/prospects on the Bark Graben 'P' fan

Proposed programme:  
 base programme  
 extended programme

**Bridge Oil Limited**

**BASS BASIN  
TASMANIA**

T-15-P

**LEADS & PROSPECTS**

Compiled by: rp	Date: 7-Nov-88
Drawn by: cjj	Drawing No.:

