

T 18 P

THIRD QUARTER REPORT

YEAR 2

Bass Strait Oil & Gas (Holdings) N.L.

**TPR
OR-0167**



PETRECON AUSTRALIA PTY. LTD.

Petroleum Exploration Consultants

T18P part 6

175002

BASS STRAIT OIL & GAS (HOLDINGS) N.L.

PETRECON AUST. PTY. LTD.,
Post Office,
Bagdad, Tas., 7407.
Australia.

20th May, 1982.

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Hobart, 7000 Australia
Ph (002) 34 9866
Telex AA58359

The Director,
Department of Mines,
G.P.O. Box 124B,
Hobart 7001.

Dear Sir,

Re. Third Quarter Report, Year 2, T18P

This report relates to work carried out by Bass Strait Oil & Gas (Holdings) N.L. as operator for the consortium which holds title to T18P for the period 24th January 1982 to 23rd April 1982.

GEOLOGICAL

Petrecon Australia Pty. Ltd. completed their assessment on the "Broad Sedimentation Patterns of the Paleocene-Eocene, Eastern View Group, Bass Basin, Tasmania". As noted in the last quarterly report the direction and quantity of sand deposited in the basin during the Early Tertiary varied markedly. A knowledge of sand distribution and geochemical maturation combined with seismic depositional facies analysis was used to define areas of higher reservoir potential. These results were presented to Mr. I. Jennings and Dr. R. Richardson from your Department on 4th March 1982. March updates of the December maps are included with this report.

GEOPHYSICAL

During the report period Petrecon integrated earlier seismic survey data with the interpreted BBS 81 data and defined several leads. Detailed prospect shooting of 122 line km (144.7 km with tails) of seismic data was completed on 22nd April. Processing of the data should be finalised in the next quarter.

FARMOUT

A farmout package has been prepared for distribution to leading companies and a copy was sent to your office on 26th March.

Yours faithfully,

J. K. Davidson

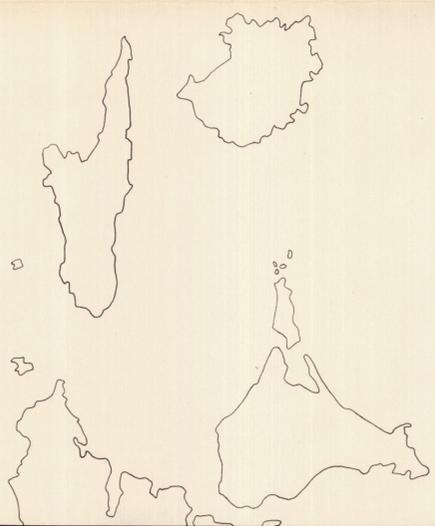
for E. G. Albers
Chairman

ENCLOSURES:

- (1) Heat Flow - Bass Basin, Tasmania. - 82/3
- (2) L.balmei isopach and net sand/gross section - PLATE I
- (3) Lower M. diversus isopach and net sand/gross - PLATE II interval.
- (4) Upper Eastern View isopach and net sand/gross - PLATE III section.



1.2-1.3 = HEAT FLOW UNITS (H.F.U.) - PETRECON
 (1.57) = HEAT FLOW UNITS - PALTECH



PETRECON AUSTRALIA PTY LTD		175004
BASS BASIN (BASS STRAIT OIL & GAS (HOLDINGS) N.L.)		82/3
HEAT FLOW		COMPILED J.K.D.
		DRAWN M.R.D.
		DATE MAR '82
		SCALE 1:250 000
		FIGURE

0% $\frac{107}{107}$
KONKON-1

146°00

147°00

39°15
39°30
40°00
40°15
40°30

TOOLKA-1
NOT REACHED

COMORANT-1
NOT REACHED

AROO-1
16% $\frac{411}{411}$

BASS-1
NOT REACHED

BASS-2
33% $\frac{131}{131}$

YURONGI-1
20% $\frac{420}{420}$

DONDU-1
4% $\frac{561}{561}$

(from seismic evidence
L. balmei could be
>3 000m thick.)

BASS-3
27% $\frac{251}{251}$

TAROOK-1
NOT REACHED

POONBOON
0% $\frac{566}{566}$

NANGKERO
10% $\frac{350}{350}$

NARIMBA-1
NOT REACHED

PELICAN-3
480

PELICAN-2
NOT REACHED

PELICAN-1
NOT REACHED

DISCONFORMITY (OR NO BREAK)
OR
UNCONFORMITY AT TOP OF UNIT
566m THICKNESS OF UNIT (MAX.)
UNCONFORMITY
OR
DISCONFORMITY
OR
BASE NOT REACHED
10% NET SAND / GROSS SECTION

0 30
KILOMETRE

5cm



PETRECON AUSTRALIA PTY LTD

BASS BASIN

L. balmei

ISOPACH & NET SAND / GROSS SECTION

COMPILED: J.K.D. SCALE: 1:250,000 FIGURE:
DATE: MAR 82 DRAWN: V.V. PLAN No.

PLATE I

INTERPRETATIVE

175005

DURROON-1
366
90%

OR-167

2

0% KONKON-1
17

146°00

147°00

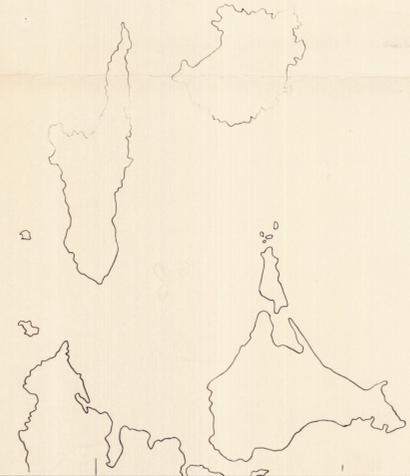
39°15'

39°30'

40°00'

40°15'

40°30'



- DISCONFORMITY (OR NO BREAK)
- OR
- ~ UNCONFORMITY AT TOP OF UNIT
- 566m THICKNESS OF UNIT (MAX)
- ~ UNCONFORMITY
- OR
- DISCONFORMITY
- OR
- ↓ BASE NOT REACHED
- NET SAND / GROSS SECTION

0 30
KILOMETRE

5 cm

DURROON-1
ABSENT



PETRECON AUSTRALIA PTY LTD

BASS BASIN

LOWER M diversus
(INCLUDING MIDDLE M diversus WHERE RECOGNISED)
ISOPACH & NET SAND / GROSS INTERVAL

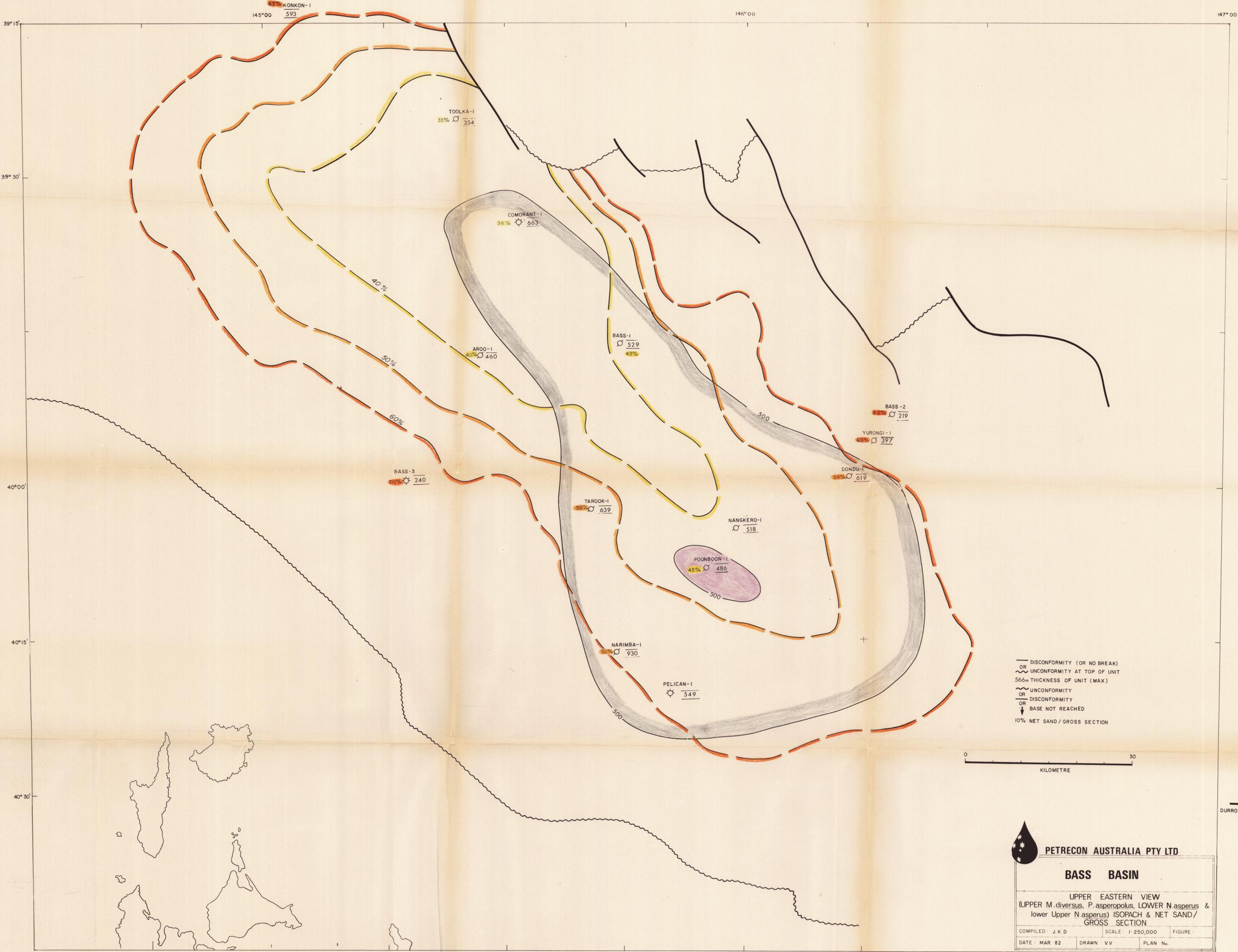
COMPILED: J K D	SCALE: 1:250,000	FIGURE
DATE: MAR 82	DRAWN: V V	PLAN No

PLATE II

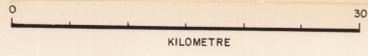
INTERPRETATIVE

15/006

OR-167



- DISCONFORMITY (OR NO BREAK)
OR UNCONFORMITY AT TOP OF UNIT
- ~ UNCONFORMITY AT TOP OF UNIT
560m THICKNESS OF UNIT (MAX.)
- ~ UNCONFORMITY
- ~ DISCONFORMITY
- ↓ BASE NOT REACHED
- 10% NET SAND / GROSS SECTION



DURROON-1

PETRECON AUSTRALIA PTY LTD

BASS BASIN

UPPER EASTERN VIEW
(UPPER M. diversus, P. asperopolus, LOWER N. asperus & lower Upper N. asperus) ISOPACH & NET SAND / GROSS SECTION

COMPILED: J.K.D.	SCALE: 1:250,000	FIGURE:
DATE: MAR 82	DRAWN: V.V.	PLAN No:

PLATE III *INTERPRETATIVE*
175007