

W846

MANTA-1

WCR VOL 2



SHELL - AUSTRALIA E. & P. OIL AND GAS

OIL and GAS DIVISION

VOLUME II SDA 596

22 OCT 1984

MANTA-1

W846

WELL COMPLETION REPORT

GIPPSLAND BASIN, OFFSHORE VICTORIA

VIC/P19

GIPPSLAND TEAM/PETROLEUM ENGINEERING

VOL I-TEXT, VOL II FIGURES AND ENCLOSURES

Keywords:

exploration well, Rosedale Fault, Latrobe, intra-Latrobe, Strzelecki, coastal, barrier, coastal plain, alluvial, carbonaceous mudstone, coal, glauconite, Eocene, Paleocene, Upper Cretaceous, coastlines, co-ventures, Tertiary, Gippsland Limestone, volcanics, Lakes Entrance Formation.

SHELL DEVELOPMENT (AUSTRALIA) PTY LTD

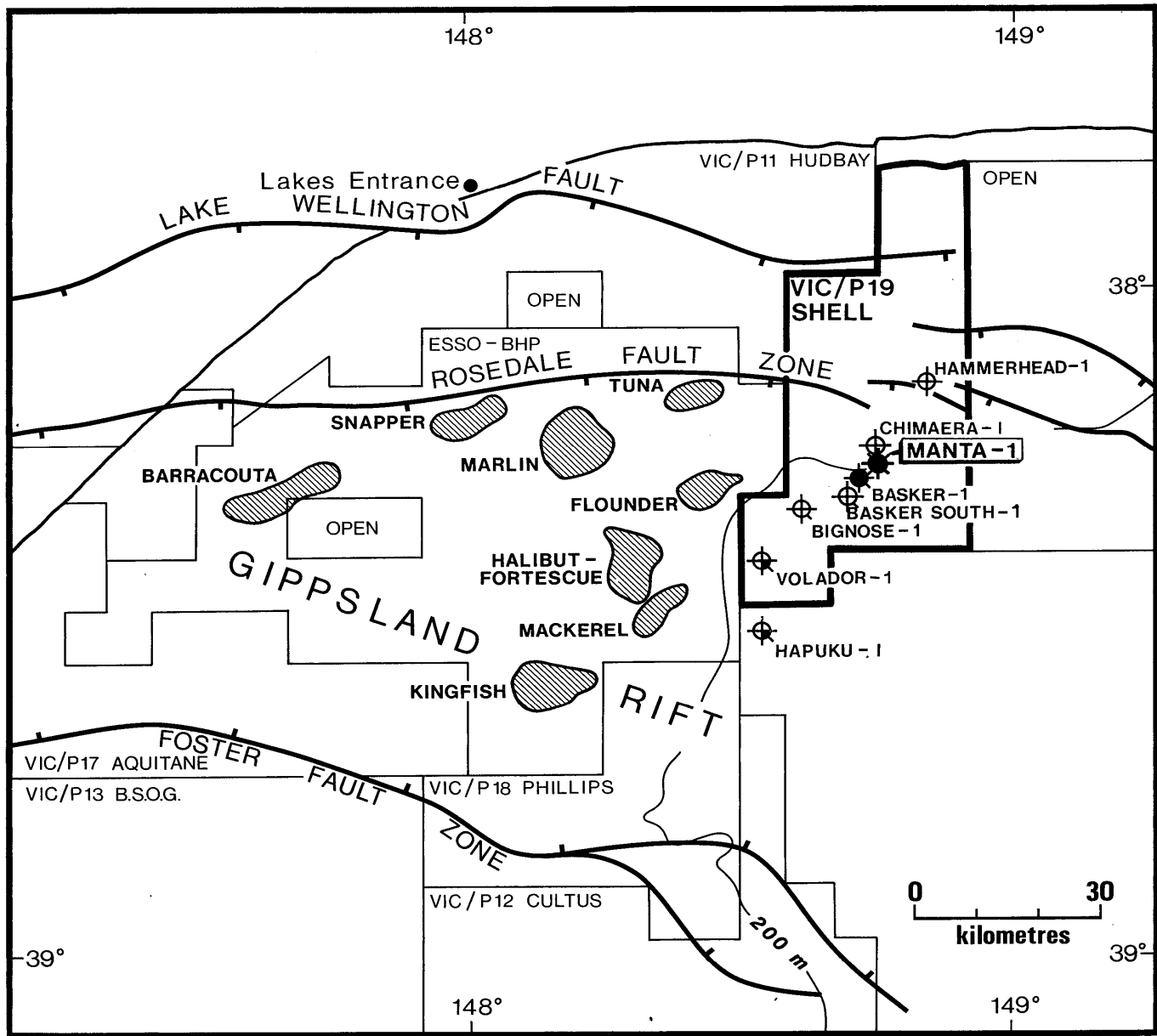
VOLUME TWO


FIGURES

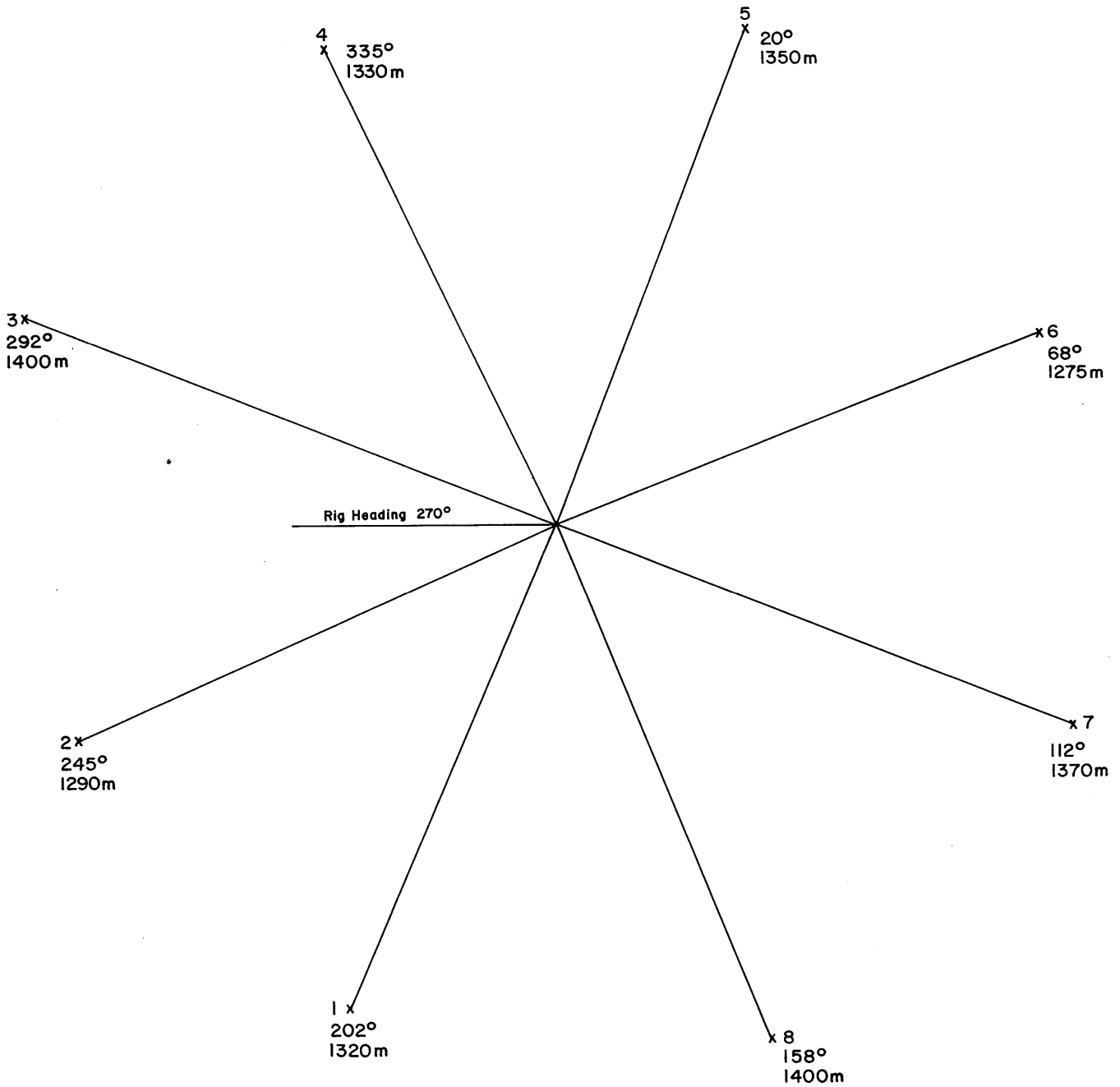
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 SHELL-AUSTRALIA E.&P. OIL AND GAS.		
GIPPSLAND BASIN		
MANTA-1 LOCATION MAP		
Author: EPE/I	Date: May 1984	Fig. 1
Report No.: SDA 596	Drawings No.: 19138	



Note: Distances shown are horizontal from centre of rig.

FINAL COORDINATES
38°19' 11.40"S 148°41' 21.56"E

 SHELL - AUSTRALIA E. & P. OIL AND GAS.		
GIPPSLAND BASIN		
ANCHOR PATTERN AND HEADING OF NYMPHEA AT MANTA-1		
Author: EPE/1	Date: June 1984	Fig. 2
Report No.: SDA 596	Drawing No.: 19177	

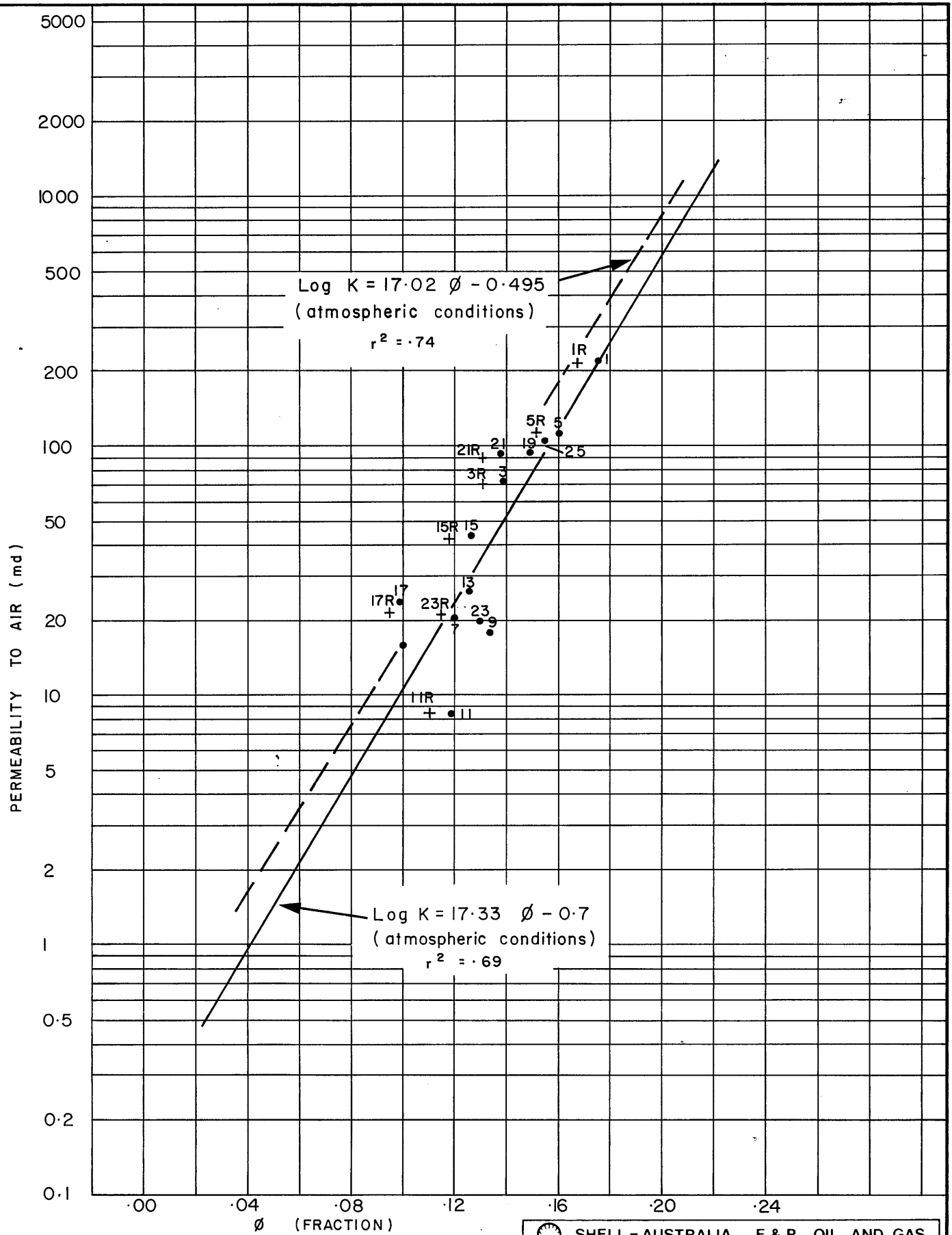
PE905610

This is an enclosure indicator page.
The enclosure PE905610 is enclosed within the
container PE902500 at this location in this
document.

The enclosure PE905610 has the following characteristics:

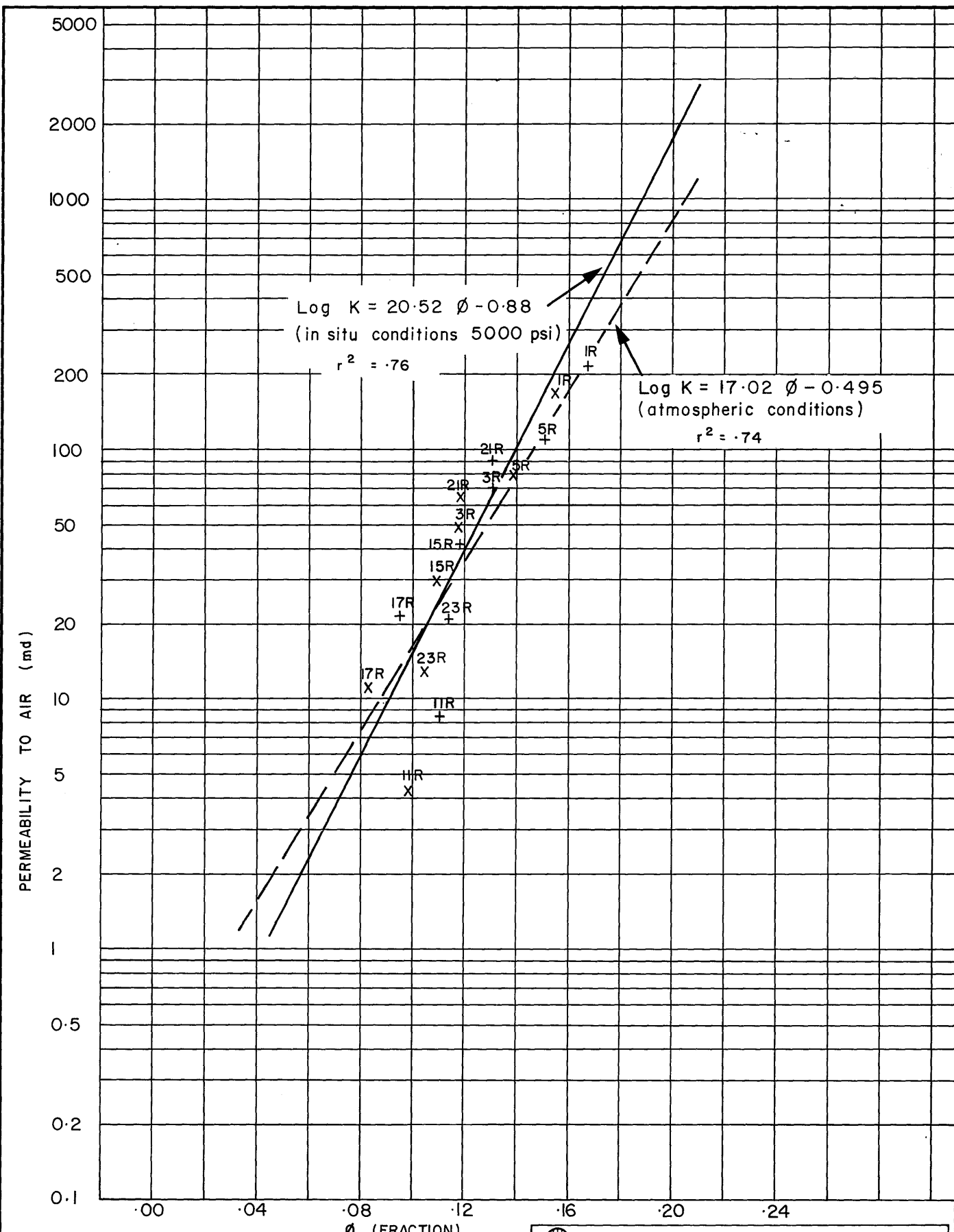
- ITEM_BARCODE = PE905610
- CONTAINER_BARCODE = PE902500
- NAME = Plan view of Well Path
- BASIN = GIPPSLAND
- PERMIT = VIC/P19
- TYPE = WELL
- SUBTYPE = DIAGRAM
- DESCRIPTION = Manta-1 Paln View of Well Path, Fig 3
from WCR vol 2
- REMARKS =
- DATE_CREATED = 26/04/84
- DATE_RECEIVED = 22/10/84
- W_NO = W846
- WELL_NAME = MANTA-1
- CONTRACTOR =
- CLIENT_OP_CO = SHELL DEVELOPMENT (AUSTRALIA) PTY LTD

(Inserted by DNRE - Vic Govt Mines Dept)




- ATMOSPHERIC CONDITIONS (CORELAB - PERTH)
- + ATMOSPHERIC CONDITIONS (CORELAB - ADELAIDE)
- K = PERMEABILITY TO AIR (md)
- ø = POROSITY FRACTION

SHELL - AUSTRALIA E. & P. OIL AND GAS.	
GIPPSLAND BASIN	
MANTA - I	
POROSITY Vs PERMEABILITY	
at Atmospheric Conditions	
Author: EPE / 2	Date: June 1984
Report No. SDA 596	Drawing No. 18765
Fig. 4	



+ ATMOSPHERIC CONDITIONS (CORELAB - ADELAIDE)
 X OVERBURDEN CONDITIONS (CORELAB - ADELAIDE)
 K = PERMEABILITY TO AIR (md)
 φ = POROSITY FRACTION

 SHELL - AUSTRALIA E. & P. OIL AND GAS.

MANTA - I
POROSITY Vs PERMEABILITY
At Atmospheric And In Situ Conditions

Author: EPE / 2	Date: June 1984
Report No: SDA 596	Drawing No: 18766

Fig. 5

PE905611

This is an enclosure indicator page.
The enclosure PE905611 is enclosed within the
container PE902500 at this location in this
document.

The enclosure PE905611 has the following characteristics:

ITEM_BARCODE = PE905611
CONTAINER_BARCODE = PE902500
 NAME = RFT Pressures Versus Depth
 BASIN = GIPPSLAND
 PERMIT = VIC/P19
 TYPE = WELL
 SUBTYPE = DIAGRAM
DESCRIPTION = Manta-1 RFT Pressures Versus Depth, Fig
 6 from WCR vol 2
REMARKS =
DATE_CREATED = 30/10/84
DATE_RECEIVED = 22/10/84
 W_NO = W846
 WELL_NAME = MANTA-1
CONTRACTOR =
CLIENT_OP_CO = SHELL DEVELOPMENT (AUSTRALIA) PTY LTD

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PE905616

This is an enclosure indicator page.
The enclosure PE905616 is enclosed within the
container PE902500 at this location in this
document.

The enclosure PE905616 has the following characteristics:

ITEM_BARCODE = PE905616
CONTAINER_BARCODE = PE902500
NAME = RFT Pressures Versus Depth
BASIN = GIPPSLAND
PERMIT = VIC/P19
TYPE = WELL
SUBTYPE = DIAGRAM
DESCRIPTION = Manta-1 RFT Pressures Versus Depth
2600m - 2790m, Fig 7 from WCR vol 2
REMARKS =
DATE_CREATED = 30/10/84
DATE_RECEIVED = 22/10/84
W_NO = W846
WELL_NAME = MANTA-1
CONTRACTOR =
CLIENT_OP_CO = SHELL DEVELOPMENT (AUSTRALIA) PTY LTD

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PE905613

This is an enclosure indicator page.
The enclosure PE905613 is enclosed within the
container PE902500 at this location in this
document.

The enclosure PE905613 has the following characteristics:

ITEM_BARCODE = PE905613
CONTAINER_BARCODE = PE902500
NAME = RFT Pressures Versus Depth
BASIN = GIPPSLAND
PERMIT = VIC/P19
TYPE = WELL
SUBTYPE = DIAGRAM
DESCRIPTION = Manta-1 RFT Pressures Versus Depth
3200m - 3390m, Fig 8 from WCR vol 2
REMARKS =
DATE_CREATED = 30/10/84
DATE_RECEIVED = 22/10/84
W_NO = W846
WELL_NAME = MANTA-1
CONTRACTOR =
CLIENT_OP_CO = SHELL DEVELOPMENT (AUSTRALIA) PTY LTD

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PE905614

This is an enclosure indicator page.
The enclosure PE905614 is enclosed within the
container PE902500 at this location in this
document.

The enclosure PE905614 has the following characteristics:

ITEM_BARCODE = PE905614
CONTAINER_BARCODE = PE902500
NAME = Drilling Time Graph
BASIN = GIPPSLAND
PERMIT = VIC/P19
TYPE = WELL
SUBTYPE = DIAGRAM
DESCRIPTION = Manta-1 Drilling Time Graph, Fig 9 from
WCR vol 2
REMARKS =
DATE_CREATED = 30/10/84
DATE_RECEIVED = 22/10/84
W_NO = W846
WELL_NAME = MANTA-1
CONTRACTOR =
CLIENT_OP_CO = SHELL DEVELOPMENT (AUSTRALIA) PTY LTD

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PE905615

This is an enclosure indicator page.
The enclosure PE905615 is enclosed within the
container PE902500 at this location in this
document.

The enclosure PE905615 has the following characteristics:

- ITEM_BARCODE = PE905615
- CONTAINER_BARCODE = PE902500
- NAME = Migrated Time Contour Map
- BASIN = GIPPSLAND
- PERMIT = VIC/P19
- TYPE = SEISMIC
- SUBTYPE = HRZN_CNTR_MAP
- DESCRIPTION = Manta-1 Migrated Time Contour Map,
Intra - Campanian Marker, Fig 10 from
WCR vol 2
- REMARKS =
- DATE_CREATED = 30/10/84
- DATE_RECEIVED = 22/10/84
- W_NO = W846
- WELL_NAME = MANTA-1
- CONTRACTOR =
- CLIENT_OP_CO = SHELL DEVELOPMENT (AUSTRALIA) PTY LTD

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PE905612

This is an enclosure indicator page.
The enclosure PE905612 is enclosed within the
container PE902500 at this location in this
document.

The enclosure PE905612 has the following characteristics:

ITEM_BARCODE = PE905612
CONTAINER_BARCODE = PE902500
NAME = Time Depth Curve
BASIN = GIPPSLAND
PERMIT = VIC/P19
TYPE = WELL
SUBTYPE = VELOCITY_CHART
DESCRIPTION = Manta -1 Time Depth Curve, Fig 11 from
WCR vol 2
REMARKS =
DATE_CREATED = 30/10/84
DATE_RECEIVED = 22/10/84
W_NO = W846
WELL_NAME = MANTA-1
CONTRACTOR =
CLIENT_OP_CO = SHELL DEVELOPMENT (AUSTRALIA) PTY LTD

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PE601225

This is an enclosure indicator page.
The enclosure PE601225 is enclosed within the
container PE902500 at this location in this
document.

The enclosure PE601225 has the following characteristics:

ITEM_BARCODE = PE601225
CONTAINER_BARCODE = PE902500
NAME = Petrophysical Evaluation Depth Plot
BASIN = GIPPSLAND
PERMIT =
TYPE = WELL
SUBTYPE = WELL_LOG
DESCRIPTION = Petrophysical Evaluation Depth Plot.
Enclosure 1 of WCR volume 2.
REMARKS =
DATE_CREATED = 30/06/1984
DATE_RECEIVED = 22/10/1984
W_NO = W846
WELL_NAME = Manta-1
CONTRACTOR = SHELL
CLIENT_OP_CO = SHELL

(Inserted by DNRE - Vic Govt Mines Dept)

PE902501

This is an enclosure indicator page.
The enclosure PE902501 is enclosed within the
container PE902500 at this location in this
document.

The enclosure PE902501 has the following characteristics:

ITEM_BARCODE = PE902501
CONTAINER_BARCODE = PE902500
NAME = Well Summary Sheet
BASIN = GIPPSLAND
PERMIT =
TYPE = WELL
SUBTYPE = MONTAGE
DESCRIPTION = Well Summary Sheet. Enclosure 2 of WCR
volume 2.
REMARKS =
DATE_CREATED = 20/03/1984
DATE_RECEIVED = 22/10/1984
W_NO = W846
WELL_NAME = Manta-1
CONTRACTOR = SHELL
CLIENT_OP_CO = SHELL

(Inserted by DNRE - Vic Govt Mines Dept)

PE601227

This is an enclosure indicator page.
The enclosure PE601227 is enclosed within the
container PE902500 at this location in this
document.

The enclosure PE601227 has the following characteristics:

ITEM_BARCODE = PE601227
CONTAINER_BARCODE = PE902500
NAME = Composite Well Log
BASIN = GIPPSLAND
PERMIT =
TYPE = WELL
SUBTYPE = COMPOSITE_LOG
DESCRIPTION = Composite Well Log. Enclosure 3 of WCR
volume 2.
REMARKS =
DATE_CREATED = 01/10/1984
DATE_RECEIVED = 22/10/1984
W_NO = W846
WELL_NAME = Manta-1
CONTRACTOR = SHELL
CLIENT_OP_CO = SHELL

(Inserted by DNRE - Vic Govt Mines Dept)

PE601228

This is an enclosure indicator page.
The enclosure PE601228 is enclosed within the
container PE902500 at this location in this
document.

The enclosure PE601228 has the following characteristics:

ITEM_BARCODE = PE601228
CONTAINER_BARCODE = PE902500
NAME = Well Correlation Section
BASIN = GIPPSLAND
PERMIT =
TYPE = WELL
SUBTYPE = CROSS_SECTION
DESCRIPTION = Well Correlation Section. Enclosure 4
of WCR volume 2.
REMARKS =
DATE_CREATED = 01/10/1984
DATE_RECEIVED = 22/10/1984
W_NO = W846
WELL_NAME = Manta-1
CONTRACTOR = SHELL
CLIENT_OP_CO = SHELL

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