



**G F E Resources Ltd**

**WELL COMPLETION REPORT**

**HOWMAINS-1**

**PEP104**

**OTWAY BASIN, VICTORIA**

compiled by

Kevin Lanigan

JUNE, 1995

**PETROLEUM DIVISION**

**VOLUME 2**

**ENCLOSURES**

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WCR vol. 1. Howmains-1 (W1100)

PE600748

This is an enclosure indicator page.  
The enclosure PE600748 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE600748 has the following characteristics:

ITEM\_BARCODE = PE600748  
CONTAINER\_BARCODE = PE900939  
NAME = Composite Well Log  
BASIN = OTWAY  
PERMIT = PEP/104  
TYPE = WELL  
SUBTYPE = COMPOSITE\_LOG  
DESCRIPTION = Composite Well Log (enclosure from WCR  
vol.2) for Howmains-1  
REMARKS =  
DATE\_CREATED = 22/07/94  
DATE\_RECEIVED =  
W\_NO = W1100  
WELL\_NAME = Howmains-1  
CONTRACTOR = GFE Resources Ltd  
CLIENT\_OP\_CO = GFE Resources Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE600749

This is an enclosure indicator page.  
The enclosure PE600749 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE600749 has the following characteristics:

ITEM\_BARCODE = PE600749  
CONTAINER\_BARCODE = PE900939  
NAME = Formation evaluation log/Mud Log  
BASIN = OTWAY  
PERMIT = PEP/104  
TYPE = WELL  
SUBTYPE = MUD\_LOG  
DESCRIPTION = Formation evaluation log/Mud Log  
(enclosure from WCR vol.2) for  
Howmains-1  
REMARKS =  
DATE\_CREATED = 20/07/94  
DATE\_RECEIVED =  
W\_NO = W1100  
WELL\_NAME = Howmains-1  
CONTRACTOR = Baker Hughes Inteq  
CLIENT\_OP\_CO = GFE Resources Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE600750

This is an enclosure indicator page.  
The enclosure PE600750 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE600750 has the following characteristics:

ITEM\_BARCODE = PE600750  
CONTAINER\_BARCODE = PE900939  
NAME = Gas ratio Analysis Log  
BASIN = OTWAY  
PERMIT = PEP/104  
TYPE = WELL  
SUBTYPE = WELL\_LOG  
DESCRIPTION = Gas ratio Analysis Log (enclosure from  
WCR vol.2) for Howmain-1  
REMARKS =  
DATE\_CREATED =  
DATE\_RECEIVED =  
W\_NO = W1100  
WELL\_NAME = Howmains-1  
CONTRACTOR = Baker Hughes Inteq  
CLIENT\_OP\_CO = GFE Resources Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE600751

This is an enclosure indicator page.  
The enclosure PE600751 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE600751 has the following characteristics:

ITEM\_BARCODE = PE600751  
CONTAINER\_BARCODE = PE900939  
NAME = Well log- DLL-MSFL-GR-CAL-SP  
BASIN = OTWAY  
PERMIT = PEP/104  
TYPE = WELL  
SUBTYPE = WELL\_LOG  
DESCRIPTION = Well log- DLL-MSFL-GR-CAL-SP, 1:200,  
(enclosure from WCR vol.2) for  
Howmains-1  
REMARKS =  
DATE\_CREATED = 20/07/94  
DATE\_RECEIVED =  
W\_NO = W1100  
WELL\_NAME = Howmains-1  
CONTRACTOR = Schlumberger  
CLIENT\_OP\_CO = GFE Resources Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE600752

This is an enclosure indicator page.  
The enclosure PE600752 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE600752 has the following characteristics:

ITEM\_BARCODE = PE600752  
CONTAINER\_BARCODE = PE900939  
NAME = Well log- DLL-MSFL-GR-CAL-SP  
BASIN = OTWAY  
PERMIT = PEP/104  
TYPE = WELL  
SUBTYPE = WELL\_LOG  
DESCRIPTION = Well log- DLL-MSFL-GR-CAL-SP, 1:500,  
(enclosure from WCR vol.2) for  
Howmains-1  
REMARKS =  
DATE\_CREATED = 20/07/94  
DATE\_RECEIVED =  
W\_NO = W1100  
WELL\_NAME = Howmains-1  
CONTRACTOR = Schlumberger  
CLIENT\_OP\_CO = GFE Resources Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE600753

This is an enclosure indicator page.  
The enclosure PE600753 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE600753 has the following characteristics:

ITEM\_BARCODE = PE600753  
CONTAINER\_BARCODE = PE900939  
NAME = well log LDL-CNL-GR-CAL  
BASIN = OTWAY  
PERMIT = PEP/104  
TYPE = WELL  
SUBTYPE = WELL\_LOG  
DESCRIPTION = well log LDL-CNL-GR-CAL , 1:200,  
(enclosure from WCR vol.2) for  
Howmains-1  
REMARKS =  
DATE\_CREATED = 21/07/94  
DATE\_RECEIVED =  
W\_NO = W1100  
WELL\_NAME = Howmains-1  
CONTRACTOR = Schlumberger  
CLIENT\_OP\_CO = GFE Resources Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE600754

This is an enclosure indicator page.  
The enclosure PE600754 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE600754 has the following characteristics:

ITEM\_BARCODE = PE600754  
CONTAINER\_BARCODE = PE900939  
NAME = well log LDL-CNL-GR-CAL  
BASIN = OTWAY  
PERMIT = PEP/104  
TYPE = WELL  
SUBTYPE = WELL\_LOG  
DESCRIPTION = well log LDL-CNL-GR-CAL, 1:500,  
(enclosure from WCR vol.2) for  
Howmains-1  
REMARKS =  
DATE\_CREATED = 21/07/94  
DATE\_RECEIVED =  
W\_NO = W1100  
WELL\_NAME = Howmains-1  
CONTRACTOR = Schlumberger  
CLIENT\_OP\_CO = GFE Resources Ltd

(Inserted by DNRE - Vic Govt Mines Dept)



PE600755

This is an enclosure indicator page.  
The enclosure PE600755 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE600755 has the following characteristics:

- ITEM\_BARCODE = PE600755
- CONTAINER\_BARCODE = PE900939
  - NAME = Well log BHC-GR
  - BASIN = OTWAY
  - PERMIT = PEP/104
  - TYPE = WELL
  - SUBTYPE = WELL\_LOG
- DESCRIPTION = Well log BHC-GR, 1:200, (enclosure from  
WCR vol.2) for Howmains-1
- REMARKS =
- DATE\_CREATED = 20/07/94
- DATE\_RECEIVED =
  - W\_NO = W1100
  - WELL\_NAME = Howmains-1
  - CONTRACTOR = Schlumberger
  - CLIENT\_OP\_CO = GFE Resources Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE600756

This is an enclosure indicator page.  
The enclosure PE600756 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE600756 has the following characteristics:

- ITEM\_BARCODE = PE600756
- CONTAINER\_BARCODE = PE900939
- NAME = Well log BHC-GR
- BASIN = OTWAY
- PERMIT = PEP/104
- TYPE = WELL
- SUBTYPE = WELL\_LOG
- DESCRIPTION = Well log BHC-GR, 1:500, (enclosure from  
WCR vol.2) for Howmains-1
- REMARKS =
- DATE\_CREATED = 20/07/94
- DATE\_RECEIVED =
- W\_NO = W1100
- WELL\_NAME = Howmains-1
- CONTRACTOR = Schlumberger
- CLIENT\_OP\_CO = GFE Resources Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900947

This is an enclosure indicator page.  
The enclosure PE900947 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE900947 has the following characteristics:

- ITEM\_BARCODE = PE900947
- CONTAINER\_BARCODE = PE900939
  - NAME = Check shot survey
  - BASIN = OTWAY
  - PERMIT = PEP/104
  - TYPE = WELL
  - SUBTYPE = VELOCITY\_CHART
- DESCRIPTION = Check shot survey WST-A (enclosure from  
WCR vol.2) for Howmains-1
- REMARKS =
- DATE\_CREATED = 21/07/94
- DATE\_RECEIVED =
  - W\_NO = W1100
  - WELL\_NAME = Howmains-1
  - CONTRACTOR = Schlumberger
  - CLIENT\_OP\_CO = GFE Resources Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE600758

This is an enclosure indicator page.  
The enclosure PE600758 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE600758 has the following characteristics:

- ITEM\_BARCODE = PE600758
- CONTAINER\_BARCODE = PE900939
- NAME = CST Side wall cores
- BASIN = OTWAY
- PERMIT = PEP/104
- TYPE = WELL
- SUBTYPE = WELL\_LOG
- DESCRIPTION = CST Side wall cores (enclosure from WCR  
vol.2) for Howmains-1
- REMARKS =
- DATE\_CREATED = 21/07/94
- DATE\_RECEIVED =
- W\_NO = W1100
- WELL\_NAME = Howmains-1
- CONTRACTOR = Schlumberger
- CLIENT\_OP\_CO = GFE Resources Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900948

This is an enclosure indicator page.  
The enclosure PE900948 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE900948 has the following characteristics:

ITEM\_BARCODE = PE900948  
CONTAINER\_BARCODE = PE900939  
NAME = Seismic Section with Synthetic  
Seismogram  
BASIN = OTWAY  
PERMIT = PEP/104  
TYPE = WELL  
SUBTYPE = VELOCITY\_CHART  
DESCRIPTION = Seismic Section with Synthetic  
Seismogram and Time/Depth and  
Velocity/Depth Curves(enclosure from  
WCR vol.2) for Howmains-1  
REMARKS = This item is a montage of Synthetic  
Seismograms, Seismic Sections and Time  
/Depth & Velocity/Depth Curves  
DATE\_CREATED = 31/07/95  
DATE\_RECEIVED =  
W\_NO = W1100  
WELL\_NAME = Howmains-1  
CONTRACTOR = GFE Resources Ltd  
CLIENT\_OP\_CO = GFE Resources Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900940

This is an enclosure indicator page.  
The enclosure PE900940 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE900940 has the following characteristics:

ITEM\_BARCODE = PE900940  
CONTAINER\_BARCODE = PE900939  
    NAME = Stratigraphic Correlation  
    BASIN = OTWAY  
    PERMIT = PEP/104  
    TYPE = WELL  
    SUBTYPE = WELL\_CORRELATION  
DESCRIPTION = Stratigraphic Correlation (enclosure  
                  from WCR vol.2) for Howmains-1  
REMARKS =  
DATE\_CREATED = 31/01/95  
DATE\_RECEIVED =  
    W\_NO = W1100  
    WELL\_NAME = Howmains-1  
CONTRACTOR = GFE Resources Ltd  
CLIENT\_OP\_CO = GFE Resources Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900941

This is an enclosure indicator page.  
The enclosure PE900941 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE900941 has the following characteristics:

ITEM\_BARCODE = PE900941  
CONTAINER\_BARCODE = PE900939  
NAME = Time Structure Map - Lower Mepunga  
Formation  
BASIN = OTWAY  
PERMIT = PEP/104  
TYPE = SEISMIC  
SUBTYPE = HRZN\_CONTR\_MAP  
DESCRIPTION = Time Structure Map, Lower Mepunga  
Formation, (enclosure from WCR vol.2)  
for Howmains-1  
REMARKS =  
DATE\_CREATED = 31/08/93  
DATE\_RECEIVED =  
W\_NO = W1100  
WELL\_NAME = Howmains-1  
CONTRACTOR = Gas and Fuel Exploration N.L  
CLIENT\_OP\_CO = GFE Resources Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900942

This is an enclosure indicator page.  
The enclosure PE900942 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE900942 has the following characteristics:

ITEM\_BARCODE = PE900942  
CONTAINER\_BARCODE = PE900939  
NAME = Time Structure Map - Top Sherbrook  
Formation  
BASIN = OTWAY  
PERMIT = PEP/104  
TYPE = SEISMIC  
SUBTYPE = HRZN\_CONTR\_MAP  
DESCRIPTION = Time Structure Map, Top Sherbrook  
Formation, (enclosure from WCR vol.2)  
for Howmains-1  
REMARKS =  
DATE\_CREATED = 31/08/93  
DATE\_RECEIVED =  
W\_NO = W1100  
WELL\_NAME = Howmains-1  
CONTRACTOR = Gas and Fuel Exploration N.L  
CLIENT\_OP\_CO = GFE Resources Ltd

(Inserted by DNRE - Vic Govt Mines Dept)



PE900943

This is an enclosure indicator page.  
The enclosure PE900943 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE900943 has the following characteristics:

ITEM\_BARCODE = PE900943  
CONTAINER\_BARCODE = PE900939  
    NAME = Time Structure Map - Top Belfast  
          Formation  
    BASIN = OTWAY  
    PERMIT = PEP/104  
    TYPE = SEISMIC  
    SUBTYPE = HRZN\_CONTR\_MAP  
DESCRIPTION = Time Structure Map, Top Belfast  
              Formation, (enclosure from WCR vol.2)  
              for Howmains-1  
REMARKS =  
DATE\_CREATED = 31/08/93  
DATE\_RECEIVED =  
    W\_NO = W1100  
    WELL\_NAME = Howmains-1  
CONTRACTOR = Gas and Fuel Exploration N.L  
CLIENT\_OP\_CO = GFE Resources Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900944

This is an enclosure indicator page.  
The enclosure PE900944 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE900944 has the following characteristics:

ITEM\_BARCODE = PE900944  
CONTAINER\_BARCODE = PE900939  
NAME = Time Structure Map - Top Warre  
Formation  
BASIN = OTWAY  
PERMIT = PEP/104  
TYPE = SEISMIC  
SUBTYPE = HRZN\_CONTR\_MAP  
DESCRIPTION = Top Waarre Formation, (enclosure from  
WCR vol.2) for Howmains-1  
REMARKS =  
DATE\_CREATED = 31/08/93  
DATE\_RECEIVED =  
W\_NO = W1100  
WELL\_NAME = Howmains-1  
CONTRACTOR = Gas and Fuel Exploration N.L  
CLIENT\_OP\_CO = GFE Resources Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900945

This is an enclosure indicator page.  
The enclosure PE900945 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE900945 has the following characteristics:

ITEM\_BARCODE = PE900945  
CONTAINER\_BARCODE = PE900939  
    NAME = Time Structure Map - Top Eumeralla  
          Formation  
    BASIN = OTWAY  
    PERMIT = PEP/104  
    TYPE = SEISMIC  
    SUBTYPE = HRZN\_CONTR\_MAP  
    DESCRIPTION = Time Structure Map, Top Eumeralla  
                  Formation, (enclosure from WCR vol.2)  
                  for Howmains-1  
    REMARKS =  
    DATE\_CREATED = 31/08/93  
    DATE\_RECEIVED =  
        W\_NO = W1100  
        WELL\_NAME = Howmains-1  
        CONTRACTOR = Gas and Fuel Exploration N.L  
        CLIENT\_OP\_CO = GFE Resources Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE900946

This is an enclosure indicator page.  
The enclosure PE900946 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE900946 has the following characteristics:

ITEM\_BARCODE = PE900946  
CONTAINER\_BARCODE = PE900939  
NAME = Depth Structure Map - Top Waarre  
Formation  
BASIN = OTWAY  
PERMIT = PEP/104  
TYPE = SEISMIC  
SUBTYPE = HRZN\_CONTR\_MAP  
DESCRIPTION = Depth Structure Map, Top of Waarre  
Formation, (enclosure from WCR vol.2)  
for Howmains-1  
REMARKS =  
DATE\_CREATED = 31/08/93  
DATE\_RECEIVED =  
W\_NO = W1100  
WELL\_NAME = Howmains-1  
CONTRACTOR = Gas and Fuel Exploration N.L  
CLIENT\_OP\_CO = GFE Resources Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

PE600760

This is an enclosure indicator page.  
The enclosure PE600760 is enclosed within the  
container PE900939 at this location in this  
document.

The enclosure PE600760 has the following characteristics:

- ITEM\_BARCODE = PE600760
- CONTAINER\_BARCODE = PE900939
- NAME = Log Analysis
- BASIN = OTWAY
- PERMIT = PEP/104
- TYPE = WELL
- SUBTYPE = WELL\_LOG
- DESCRIPTION = Log Analysis (enclosure from WCR vol.2)  
for Howmains-1
- REMARKS =
- DATE\_CREATED =
- DATE\_RECEIVED =
- W\_NO = W1100
- WELL\_NAME = Howmains-1
- CONTRACTOR =
- CLIENT\_OP\_CO =

(Inserted by DNRE - Vic Govt Mines Dept)