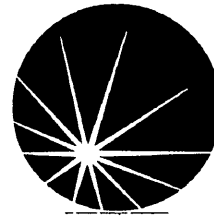


**Western Underground  
Gas Storage Pty. Ltd.**



**TXU**

# **WELL COMPLETION REPORT**

**Iona Obs-1**

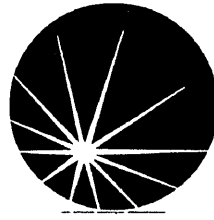
**PPL2  
ONSHORE OTWAY BASIN,  
VICTORIA**

**VOLUME 2 OF 2  
ENCLOSURES**

**September 1999**

**Copy 3 of 6**

**Western Underground  
Gas Storage Pty. Ltd.**



**TXU**

**WELL COMPLETION REPORT**

**Iona Obs-1**

**PPL2  
ONSHORE OTWAY BASIN,  
VICTORIA**

**VOLUME 2 OF 2  
ENCLOSURES**

**September 1999**

**Copy 3 of 6**

# VOLUME 2 of 2

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908920 004

PE605585

This is an enclosure indicator page.  
The enclosure PE605585 is enclosed within the  
container PE908920 at this location in this  
document.

The enclosure PE605585 has the following characteristics:

ITEM\_BARCODE = PE605585  
CONTAINER\_BARCODE = PE908920  
    NAME = Iona Obs-1 Mud Log  
    BASIN = OTWAY  
    ONSHORE? = Y  
    DATA\_TYPE = WELL  
    DATA\_SUB\_TYPE = MUD\_LOG  
    DESCRIPTION = Iona Obs-1 Formation Evaluation Mudlog  
                  Enclosure 1  
    REMARKS =  
    DATE\_WRITTEN =  
DATE\_PROCESSED =  
DATE\_RECEIVED =  
RECEIVED\_FROM = Western Underground Gas Storage Pty Ltd  
WELL\_NAME = Iona Obs-1  
CONTRACTOR = Western Underground Gas Storage Pty Ltd  
AUTHOR =  
ORIGINATOR = Western Underground Gas Storage Pty Ltd  
TOP\_DEPTH = 30  
BOTTOM\_DEPTH = 1568  
ROW\_CREATED\_BY = DN07\_SW

(Inserted by DNRE - Vic Govt Mines Dept)

PE605586

This is an enclosure indicator page.  
The enclosure PE605586 is enclosed within the  
container PE908920 at this location in this  
document.

The enclosure PE605586 has the following characteristics:

- ITEM\_BARCODE = PE605586
- CONTAINER\_BARCODE = PE908920
- NAME = Iona Obs-1 Well Composite Log
- BASIN = OTWAY
- ONSHORE? = Y
- DATA\_TYPE = WELL
- DATA\_SUB\_TYPE = COMPOSITE\_LOG
- DESCRIPTION = Iona Obs-1 Well Composite Enclosure 2
- REMARKS =
- DATE\_WRITTEN =
- DATE\_PROCESSED =
- DATE\_RECEIVED =
- RECEIVED\_FROM = Western Underground Gas Storage Pty Ltd
- WELL\_NAME = Iona Obs-1
- CONTRACTOR = Western Underground Gas Storage Pty Ltd
- AUTHOR =
- ORIGINATOR = Western Underground Gas Storage Pty Ltd
- TOP\_DEPTH = 700
- BOTTOM\_DEPTH = 1570
- ROW\_CREATED\_BY = DN07\_SW

(Inserted by DNRE - Vic Govt Mines Dept)

PE605587

This is an enclosure indicator page.  
The enclosure PE605587 is enclosed within the  
container PE908920 at this location in this  
document.

The enclosure PE605587 has the following characteristics:

ITEM\_BARCODE = PE605587  
CONTAINER\_BARCODE = PE908920  
    NAME = Iona Obs-1 Well Composite Log  
    BASIN = OTWAY  
    ONSHORE? = Y  
    DATA\_TYPE = WELL  
DATA\_SUB\_TYPE = COMPOSITE\_LOG  
DESCRIPTION = Iona Obs-1 Well Composite Log Reservoir  
              Section Scale 1:200 Enclosure 3  
REMARKS =  
DATE\_WRITTEN = 31-AUG-1999  
DATE\_PROCESSED =  
DATE\_RECEIVED =  
RECEIVED\_FROM = Western Underground Gas Storage Pty Ltd  
WELL\_NAME = Iona Obs-1  
CONTRACTOR = Western Underground Gas Storage Pty Ltd  
AUTHOR =  
ORIGINATOR = Western Underground Gas Storage Pty Ltd  
TOP\_DEPTH =  
BOTTOM\_DEPTH =  
ROW\_CREATED\_BY = DN07\_SW

(Inserted by DNRE - Vic Govt Mines Dept)

908920 007

PE605588

This is an enclosure indicator page.  
The enclosure PE605588 is enclosed within the  
container PE908920 at this location in this  
document.

The enclosure PE605588 has the following characteristics:

- ITEM\_BARCODE = PE605588
- CONTAINER\_BARCODE = PE908920
  - NAME = Iona Obs-1 Paper Print Field Log
  - BASIN = OTWAY
  - ONSHORE? = Y
  - DATA\_TYPE = WELL
  - DATA\_SUB\_TYPE = WELL\_LOG
  - DESCRIPTION = Iona Obs-1 DSI-GR Dipole Sonic Log  
Scale 1:200 Enclosure 4a
- REMARKS =
- DATE\_WRITTEN =
- DATE\_PROCESSED = 24-FEB-1999
- DATE\_RECEIVED =
- RECEIVED\_FROM = Western Underground Gas Storage Pty Ltd
  - WELL\_NAME = Iona Obs-1
  - CONTRACTOR = Western Underground Gas Storage Pty Ltd
  - AUTHOR =
  - ORIGINATOR = Western Underground Gas Storage Pty Ltd
  - TOP\_DEPTH = 725
  - BOTTOM\_DEPTH = 1565
- ROW\_CREATED\_BY = DN07\_SW

(Inserted by DNRE - Vic Govt Mines Dept)

908920 008

PE605589

This is an enclosure indicator page.  
The enclosure PE605589 is enclosed within the  
container PE908920 at this location in this  
document.

The enclosure PE605589 has the following characteristics:

ITEM\_BARCODE = PE605589  
CONTAINER\_BARCODE = PE908920  
NAME = Iona Obs-1 Paper Print Field Log  
BASIN = OTWAY  
ONSHORE? = Y  
DATA\_TYPE = WELL  
DATA\_SUB\_TYPE = WELL\_LOG  
DESCRIPTION = Iona Obs-1 Resistivity Curves PEX-HALS  
Log Scale 1:200 Enclosure 5a  
REMARKS =  
DATE\_WRITTEN =  
DATE\_PROCESSED = 24-FEB-1999  
DATE\_RECEIVED =  
RECEIVED\_FROM = Western Underground Gas Storage Pty Ltd  
WELL\_NAME = Iona Obs-1  
CONTRACTOR = Western Underground Gas Storage Pty Ltd  
AUTHOR =  
ORIGINATOR = Western Underground Gas Storage Pty Ltd  
TOP\_DEPTH = 10  
BOTTOM\_DEPTH = 1565  
ROW\_CREATED\_BY = DN07\_SW

(Inserted by DNRE - Vic Govt Mines Dept)



908920 009

PE605590

This is an enclosure indicator page.  
The enclosure PE605590 is enclosed within the  
container PE908920 at this location in this  
document.

The enclosure PE605590 has the following characteristics:

ITEM\_BARCODE = PE605590  
CONTAINER\_BARCODE = PE908920  
NAME = Iona Obs-1 Paper Print Field Log  
BASIN = OTWAY  
ONSHORE? = Y  
DATA\_TYPE = WELL  
DATA\_SUB\_TYPE = WELL\_LOG  
DESCRIPTION = Iona Obs-1 Resistivity Curves PEX-HALS  
Log Scale 1:500 Enclosure 5b  
REMARKS =  
DATE\_WRITTEN =  
DATE\_PROCESSED = 23-JAN-1999  
DATE\_RECEIVED =  
RECEIVED\_FROM = Western Underground Gas Storage Pty Ltd  
WELL\_NAME = Iona Obs-1  
CONTRACTOR = Western Underground Gas Storage Pty Ltd  
AUTHOR =  
ORIGINATOR = Western Underground Gas Storage Pty Ltd  
TOP\_DEPTH = 10  
BOTTOM\_DEPTH = 1565  
ROW\_CREATED\_BY = DN07\_SW

(Inserted by DNRE - Vic Govt Mines Dept)

908920 010

PE605591

This is an enclosure indicator page.  
The enclosure PE605591 is enclosed within the  
container PE908920 at this location in this  
document.

The enclosure PE605591 has the following characteristics:

- ITEM\_BARCODE = PE605591
- CONTAINER\_BARCODE = PE908920
- NAME = Iona Obs-1 Paper Print Field Log
- BASIN = OTWAY
- ONSHORE? = Y
- DATA\_TYPE = WELL
- DATA\_SUB\_TYPE = WELL\_LOG
- DESCRIPTION = Iona Obs-1 Nuclear Curves PEX-HALS Log  
Scale 1:200 Enclosure 5c
- REMARKS =
- DATE\_WRITTEN =
- DATE\_PROCESSED = 24-FEB-1999
- DATE\_RECEIVED =
- RECEIVED\_FROM = Western Underground Gas Storage Pty Ltd
- WELL\_NAME = Iona Obs-1
- CONTRACTOR = Western Underground Gas Storage Pty Ltd
- AUTHOR =
- ORIGINATOR = Western Underground Gas Storage Pty Ltd
- TOP\_DEPTH = 10
- BOTTOM\_DEPTH = 1565
- ROW\_CREATED\_BY = DN07\_SW

(Inserted by DNRE - Vic Govt Mines Dept)

908920 011

PE605592

This is an enclosure indicator page.  
The enclosure PE605592 is enclosed within the  
container PE908920 at this location in this  
document.

The enclosure PE605592 has the following characteristics:

ITEM\_BARCODE = PE605592  
CONTAINER\_BARCODE = PE908920  
NAME = Iona Obs-1 Paper Print Field Log  
BASIN = OTWAY  
ONSHORE? = Y  
DATA\_TYPE = WELL  
DATA\_SUB\_TYPE = WELL\_LOG  
DESCRIPTION = Iona Obs-1 Nuclear Curves PEX-HALS Log  
Scale 1:500 Enclosure 5d  
REMARKS =  
DATE\_WRITTEN =  
DATE\_PROCESSED = 23-JAN-1999  
DATE\_RECEIVED =  
RECEIVED\_FROM = Western Underground Gas Storage Pty Ltd  
WELL\_NAME = Iona Obs-1  
CONTRACTOR = Western Underground Gas Storage Pty Ltd  
AUTHOR =  
ORIGINATOR = Western Underground Gas Storage Pty Ltd  
TOP\_DEPTH = 10  
BOTTOM\_DEPTH = 1565  
ROW\_CREATED\_BY = DN07\_SW

(Inserted by DNRE - Vic Govt Mines Dept)

908920 012

PE605593

This is an enclosure indicator page.  
The enclosure PE605593 is enclosed within the  
container PE908920 at this location in this  
document.

The enclosure PE605593 has the following characteristics:

- ITEM\_BARCODE = PE605593
- CONTAINER\_BARCODE = PE908920
- NAME = Iona Obs-1 Paper Print Field Log
- BASIN = OTWAY
- ONSHORE? = Y
- DATA\_TYPE = WELL
- DATA\_SUB\_TYPE = WELL\_LOG
- DESCRIPTION = Iona Obs-1 Offset Check Shot Survey Log  
Enclosure 6
- REMARKS =
- DATE\_WRITTEN =
- DATE\_PROCESSED = 24-FEB-1999
- DATE\_RECEIVED =
- RECEIVED\_FROM = Western Underground Gas Storage Pty Ltd
- WELL\_NAME = Iona Obs-1
- CONTRACTOR = Western Underground Gas Storage Pty Ltd
- AUTHOR =
- ORIGINATOR = Western Underground Gas Storage Pty Ltd
- TOP\_DEPTH = 137.5
- BOTTOM\_DEPTH = 1537.9
- ROW\_CREATED\_BY = DN07\_SW

(Inserted by DNRE - Vic Govt Mines Dept)

908920 013

PE605594

This is an enclosure indicator page.  
The enclosure PE605594 is enclosed within the  
container PE908920 at this location in this  
document.

The enclosure PE605594 has the following characteristics:

ITEM\_BARCODE = PE605594  
CONTAINER\_BARCODE = PE908920  
NAME = Iona Obs-1 Paper Print Field Log  
BASIN = OTWAY  
ONSHORE? = Y  
DATA\_TYPE = WELL  
DATA\_SUB\_TYPE = WELL\_LOG  
DESCRIPTION = Iona Obs-1 CBL-VDL-GR-CCL Log Scale  
1:500 Enclosure 7a  
REMARKS =  
DATE\_WRITTEN =  
DATE\_PROCESSED = 27-FEB-1999  
DATE\_RECEIVED =  
RECEIVED\_FROM = Western Underground Gas Storage Pty Ltd  
WELL\_NAME =  
CONTRACTOR = Western Underground Gas Storage Pty Ltd  
AUTHOR =  
ORIGINATOR = Western Underground Gas Storage Pty Ltd  
TOP\_DEPTH =  
BOTTOM\_DEPTH = 1553  
ROW\_CREATED\_BY = DN07\_SW

Iona Obs-1

700

(Inserted by DNRE - Vic Govt Mines Dept)

908920 014

PE605595

This is an enclosure indicator page.  
The enclosure PE605595 is enclosed within the  
container PE908920 at this location in this  
document.

The enclosure PE605595 has the following characteristics:

ITEM\_BARCODE = PE605595  
CONTAINER\_BARCODE = PE908920  
NAME = Iona Obs-1 Paper Print Field Log  
BASIN = OTWAY  
ONSHORE? = Y  
DATA\_TYPE = WELL  
DATA\_SUB\_TYPE = WELL\_LOG  
DESCRIPTION = Iona Obs-1 Perforation Record Log Scale  
1:200 Enclosure 8a  
REMARKS =  
DATE\_WRITTEN =  
DATE\_PROCESSED = 27-FEB-1999  
DATE\_RECEIVED =  
RECEIVED\_FROM = Western Underground Gas Storage Pty Ltd  
WELL\_NAME =  
CONTRACTOR = Western Underground Gas Storage Pty Ltd  
AUTHOR =  
ORIGINATOR = Western Underground Gas Storage Pty Ltd  
TOP\_DEPTH =  
1525  
BOTTOM\_DEPTH = 1535  
ROW\_CREATED\_BY = DN07\_SW

Iona Obs-1

(Inserted by DNRE - Vic Govt Mines Dept)

908920 015

PE614245

This is an enclosure indicator page.  
The enclosure PE614245 is enclosed within the  
container PE908920 at this location in this  
document.

The enclosure PE614245 has the following characteristics:

ITEM\_BARCODE = PE614245  
CONTAINER\_BARCODE = PE908920  
    NAME = Iona Obs-1 Field Log Prod. Pack.  
          setting  
    BASIN = OTWAY  
    ONSHORE? = Y  
    DATA\_TYPE = WELL  
    DATA\_SUB\_TYPE = WELL\_LOG  
    DESCRIPTION = Iona Obs-1 Field Log Production. Packer  
                  setting Log Scale 1:200 Enclosure 8b  
    REMARKS =  
    DATE\_WRITTEN =  
    DATE\_PROCESSED = 27-FEB-1999  
    DATE\_RECEIVED =  
    RECEIVED\_FROM = Western Underground Gas Storage Pty Ltd  
    WELL\_NAME = Iona Obs-1  
    CONTRACTOR = Western Underground Gas Storage Pty Ltd  
    AUTHOR =  
    ORIGINATOR = Western Underground Gas Storage Pty Ltd  
    TOP\_DEPTH = 1455  
    BOTTOM\_DEPTH = 1510  
    ROW\_CREATED\_BY = DH00\_SW

(Inserted by DNRE - Vic Govt Mines Dept)

908920 016

PE605596

This is an enclosure indicator page.  
The enclosure PE605596 is enclosed within the  
container PE908920 at this location in this  
document.

The enclosure PE605596 has the following characteristics:

ITEM\_BARCODE = PE605596  
CONTAINER\_BARCODE = PE908920  
NAME = Iona Obs-1 Paper Print Field Log  
BASIN = OTWAY  
ONSHORE? = Y  
DATA\_TYPE = WELL  
DATA\_SUB\_TYPE = WELL\_LOG  
DESCRIPTION = Iona Obs-1 Composite Well Logs Display  
Measured Depth Validated Log Data Set,  
Platform Express and DSI-GR Scale 1:200  
Enclosure 9  
REMARKS =  
DATE\_WRITTEN =  
DATE\_PROCESSED = 30-JUL-1999  
DATE\_RECEIVED =  
RECEIVED\_FROM = Western Underground Gas Storage Pty Ltd  
WELL\_NAME =  
CONTRACTOR = Western Underground Gas Storage Pty Ltd  
AUTHOR =  
ORIGINATOR = Western Underground Gas Storage Pty Ltd  
TOP\_DEPTH =  
BOTTOM\_DEPTH = 1565  
ROW\_CREATED\_BY = DN07\_SW

Iona Obs-1

0

(Inserted by DNRE - Vic Govt Mines Dept)



908920 017

PE605597

This is an enclosure indicator page.  
The enclosure PE605597 is enclosed within the  
container PE908920 at this location in this  
document.

The enclosure PE605597 has the following characteristics:

ITEM\_BARCODE = PE605597  
CONTAINER\_BARCODE = PE908920  
NAME = Iona Obs-1 Paper Print Field Log  
BASIN = OTWAY  
ONSHORE? = Y  
DATA\_TYPE = WELL  
DATA\_SUB\_TYPE = WELL\_LOG  
DESCRIPTION = Iona Obs-1 Composite Well Logs Display  
True Vertical Depth Validated Log Data  
Set, Platform Express and DSI-GR Scale  
1:200 Enclosure 10  
REMARKS =  
DATE\_WRITTEN =  
DATE\_PROCESSED = 30-JUL-1999  
DATE\_RECEIVED =  
RECEIVED\_FROM = Western Underground Gas Storage Pty Ltd  
WELL\_NAME =  
CONTRACTOR = Western Underground Gas Storage Pty Ltd  
AUTHOR =  
ORIGINATOR = Western Underground Gas Storage Pty Ltd  
TOP\_DEPTH =  
0  
BOTTOM\_DEPTH = 1400  
ROW\_CREATED\_BY = DN07\_SW

Iona Obs-1

(Inserted by DNRE - Vic Govt Mines Dept)

908920 018

PE605598

This is an enclosure indicator page.  
The enclosure PE605598 is enclosed within the  
container PE908920 at this location in this  
document.

The enclosure PE605598 has the following characteristics:

- ITEM\_BARCODE = PE605598
- CONTAINER\_BARCODE = PE908920
  - NAME = Iona Obs-1 Seismic Tie Through
  - BASIN = OTWAY
  - ONSHORE? = Y
  - DATA\_TYPE = SEISMIC
  - DATA\_SUB\_TYPE = INTERP\_SECTION
  - DESCRIPTION = Iona Obs-1 Synthetic Seismogram Seismic  
Tie Through Enclosure 11
- REMARKS =
- DATE\_WRITTEN =
- DATE\_PROCESSED = 30-SEP-1999
- DATE\_RECEIVED =
- RECEIVED\_FROM = Western Underground Gas Storage Pty Ltd
  - WELL\_NAME = Iona Obs-1
  - CONTRACTOR = Western Underground Gas Storage Pty Ltd
  - AUTHOR =
  - ORIGINATOR = Western Underground Gas Storage Pty Ltd
  - TOP\_DEPTH =
  - BOTTOM\_DEPTH =
- ROW\_CREATED\_BY = DN07\_SW

(Inserted by DNRE - Vic Govt Mines Dept)