





# **GIPPSLAND-4 (W436)**

## **Well Summary Report**

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**Well Summary Card**

**Lithology**

**Weekly Reports**

PE904192

This is an enclosure indicator page.  
The enclosure PE904192 is enclosed within the  
container PE906080 at this location in this  
document.

The enclosure PE904192 has the following characteristics:

- ITEM\_BARCODE = PE904192
- CONTAINER\_BARCODE = PE906080
  - NAME = well card
  - BASIN = GIPPSLAND
  - PERMIT = PPL/68
  - TYPE = WELL
  - SUBTYPE = WELL\_CARD
- DESCRIPTION = well card (enclosure from Well Summary)  
Gippsland 4
- REMARKS =
- DATE\_CREATED = 28/02/48
- DATE\_RECEIVED =
- W\_NO = W436
- WELL\_NAME = Gippsland-4
- CONTRACTOR = Gippsland Oil Co NL
- CLIENT\_OP\_CO = Gippsland Oil Co NL

(Inserted by DNRE - Vic Govt Mines Dept)

LITHOLOGY

Lithological Log copied from Weekly Drilling  
Reports submitted by the company to the  
Department.

|        |   |        |                       |
|--------|---|--------|-----------------------|
| 0'     | - | 27'    | Sandy clay            |
| 27'    | - | 31'    | Drift sand            |
| 31'    | - | 40'    | Sandy clay            |
| 40'    | - | 92'    | Yellow marl           |
| 92'    | - | 326'   | Grey marl             |
| 326'   | - | 403'   | Polyzoal limestone    |
| 403'   | - | 415'   | Grey marl             |
| 415'   | - | 675'   | Sticky grey marl      |
| 675'   | - | 696'   | Grey marl             |
| 696'   | - | 745'   | Green grey marl       |
| 745'   | - | 806'   | Greeny grey marl      |
| 806'   | - | 807'6" | Hard band             |
| 807'6" | - | 827'   | Light grey marl       |
| 827'   | - | 887'   | Blue grey marl        |
| 887'   | - | 910'   | Light grey marl       |
| 910'   | - | 915'   | Blue grey marl        |
| 915'   | - | 920'   | Polyzoal              |
| 920'   | - | 950'   | Light grey marl       |
| 950'   | - | 993'   | Light green marl      |
| 993'   | - | 1046'  | Dark grey marl        |
| 1046'  | - | 1149'  | Brown micaceous clay  |
| 1149'  | - | 1151'  | Hard band limestone   |
| 1151'  | - | 1165'  | Brown micaceous clay  |
| 1165'  | - | 1166'  | Hard band limestone   |
| 1166'  | - | 1206'  | Brown micaceous clay  |
| 1206'  | - | 1207'  | Hard band limestone   |
| 1207'  | - | 1279'  | Brown micaceous clay  |
| 1279'  | - | 1280'  | Glauconitic sandstone |
| 1280'  | - | 1295'  | Glauconite.           |

Last depth reported 1295'

TD 1295' A

WEEKLY REPORTS

-detailing hydrocarbon shows.

MINES DEPARTMENT.

VICTORIA.

Mines (Petroleum) Act 1935.  
SECTION 45.

GIPPSLAND - 4

Record of Work at No. 4 W 436. bore on

\*Petroleum Prospecting Licence Number 68 during week  
\*Petroleum-Mineral Lease  
ending December 25th. 19 47.

| DEPTH  | DESCRIPTION OF STRATA |
|--------|-----------------------|
| 0-27   | SANDY CLAY            |
| 27-31  | DRIFT SAND            |
| 31-40  | SANDY CLAY            |
| 40-92  | YELLOW MARL           |
| 92-101 | GREY MARL             |
|        |                       |
|        |                       |
|        |                       |
|        |                       |

Notes by Driller in Charge (State in notes whether water, gas or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B.—The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

8" Casing seated at 101 ft. 6 in.

GIPPSLAND OIL COMPANY LIMITED

Signed *[Signature]* Director  
Legal Manager *[Signature]* Secretary Coy.

Date 15 / 1 / 48

\* Strike out words not applicable.  
Analyses of water, gas and oil should be submitted if available.



**EXTRACT FROM THE MINES (PETROLEUM) ACT 1935,  
AS AMENDED BY THE MINES (PETROLEUM) ACT 1939.**

*Section 19.*—(1) The holder of a licence shall employ in drilling operations only such methods of drilling as are capable of yielding a core or other samples as is or are prescribed or is or are approved by the Minister.

(2) In the event of water associated with a petroleum deposit being encountered in the course of drilling operations, the holder of the licence shall immediately report the same in writing to the Minister and state the steps taken to deal with it.

(3) In the event of the continuance of drilling operations after water has been encountered as aforesaid, the holder of the licence shall shut off all water so encountered and take such other steps as may be prescribed.

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(a) retain for a period of not less than twelve months all cores obtained by drilling and representative samples of other specimens obtained from the land . . . and, when so required by the Minister, forward the same to the Minister.

# MINES DEPARTMENT.

VICTORIA.

*Mines (Petroleum) Act 1935.*

SECTION 45.

*Record of Work* at No. 4 bore on

\*Petroleum Prospecting Licence Number 68 during week

~~\*Petroleum Mineral Lease~~

ending December 27th 19 47.

| DEPTH   | DESCRIPTION OF STRATA |
|---------|-----------------------|
| 101-326 | GREY MARL.            |
| 326-403 | POLYZOAL LIMESTONE.   |
| 403-415 | GREY MARL.            |
|         |                       |
|         |                       |
|         |                       |
|         |                       |
|         |                       |
|         |                       |
|         |                       |

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GIPPSLAND OIL COMPANY LIMITED.

Signed ..... Director

*[Handwritten Signature]*  
..... Secretary

Legal Manager ..... Coy.

Date 15 / 1 / 48

\* Strike out words not applicable.

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MINES DEPARTMENT.

VICTORIA.

Mines (Petroleum) Act 1935.  
SECTION 45.

Record of Work at No. 4 bore on

\*Petroleum Prospecting Licence Number 68 during week  
~~\*Petroleum-Mineral-Lease~~

ending January 17th 19 48

| DEPTH      | DESCRIPTION OF STRATA |
|------------|-----------------------|
| 745-806    | GREENY GREY MARL      |
| 806-807'6" | HARD BAND             |
| 807'6"-827 | LIGHT GREY MARL       |
| 827-845    | BLUE GREY MARL        |
|            |                       |
|            |                       |
|            |                       |
|            |                       |
|            |                       |
|            |                       |
|            |                       |

Notes by Driller in Charge (State in notes whether water, gas or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B.—The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

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*Det. GMB.*

Signed *W. Palmer*

Legal Manager GIPPSLAND OIL COMPANY LIMITED Coy.

Date 6 / 2 / 48

\* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.



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VICTORIA.

Mines (Petroleum) Act 1935.

SECTION 45.

Record of Work at No. 4 bore on

\*Petroleum Prospecting Licence Number 68 during week  
~~\*Petroleum-Mineral Lease~~

ending January 24th 19 48

| DEPTH   | DESCRIPTION OF STRATA |
|---------|-----------------------|
| 845-887 | BLUE GREY MARL        |
| 887-910 | LIGHT GREY MARL       |
| 910-915 | BLUE GREY MARL        |
| 915-920 | POLYZOAL              |
| 920-950 | LIGHT GREY MARL       |
| 950-980 | LIGHT GREEN MARL      |
|         |                       |
|         |                       |
|         |                       |

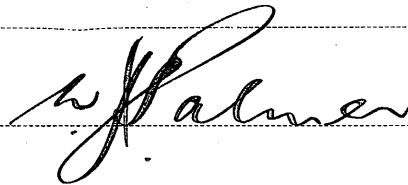
Notes by Driller in Charge (State in notes whether water, gas or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B.—The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

886-914 Slight showing of gas

960-980 Slight increase in gas

*DET -  
AMB.*

Signed



Legal Manager GIPPSLAND OIL COMPANY LIMITED Coy.

Date 6 / 2 / 48

\* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

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VICTORIA.

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SECTION 45.

Record of Work at No. 4 bore on

\*Petroleum Prospecting Licence Number 68 during week  
~~\*Petroleum Mineral Lease~~

ending January 31st 19 48

| DEPTH     | DESCRIPTION OF STRATA |
|-----------|-----------------------|
| 980-993   | LIGHT GREEN MARL      |
| 993-1046  | DARK GREY MARL        |
| 1046-1075 | BROWN MICACEOUS CLAY  |
|           |                       |
|           |                       |
|           |                       |
|           |                       |
|           |                       |
|           |                       |
|           |                       |

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D.T.  
AMB

Signed *H. Palmer*

Legal Manager GREENFORD OIL COMPANY LIMITED Coy.

Date 6 / 2 / 48

\* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

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VICTORIA.

Mines (Petroleum) Act 1935.  
SECTION 45.

Record of Work at ..... NO. 4 ..... bore on

\*Petroleum Prospecting Licence Number ..... 68 ..... during week  
~~\*Petroleum-Mineral-Lease~~

ending ..... February 14th ..... 19 48 .....

| DEPTH     | DESCRIPTION OF STRATA |
|-----------|-----------------------|
| 1144-1149 | BROWN MICACEOUS CLAY  |
| 1149-1151 | HARD BAND LIMESTONE   |
| 1151-1165 | BROWN MICACEOUS CLAY  |
| 1165-1166 | HARD BANK LIMESTONE   |
| 1166-1206 | BROWN MICACEOUS CLAY  |
| 1206-1207 | HARD BAND LIMESTONE   |
| 1207-1233 | BROWN MICACEOUS CLAY. |
|           |                       |
|           |                       |
|           |                       |

Notes by Driller in Charge (State in notes whether water, gas or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B.—The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

6" CASING RUN TO 1228 ft.

J.C.T.  
G.M.B.

Signed



Legal Manager GIPPSLAND OIL COMPANY LIMITED Coy.

Date ..... / ..... / .....

\* Strike out words not applicable.

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AS AMENDED BY THE MINES (PETROLEUM) ACT 1939.**

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*Section 19.*—(1) The holder of a licence shall employ in drilling operations only such methods of drilling as are capable of yielding a core or other samples as is or are prescribed or is or are approved by the Minister.

(2) In the event of water associated with a petroleum deposit being encountered in the course of drilling operations, the holder of the licence shall immediately report the same in writing to the Minister and state the steps taken to deal with it.

(3) In the event of the continuance of drilling operations after water has been encountered as aforesaid, the holder of the licence shall shut off all water so encountered and take such other steps as may be prescribed.

(4) In the event of traces of petroleum, including natural gas, appearing during drilling operations, the holder of the licence shall immediately report the same to the Minister, and shall carry out such operations to test the extent and value of the occurrence of such petroleum as the Minister by notice in writing directs.

(5) In the event of preliminary tests indicating the probability of payable petroleum, the holder of the licence shall—

- (a) immediately report thereon to the Minister in writing; and
- (b) carry out thereafter such operations as may be necessary to test the value of the occurrence of such petroleum as may be approved by the Minister.

*Section 45.*—Every licensee and lessee shall keep a log, in the form prescribed by the Minister, of all the wells drilled by him showing the strata and character of the ground passed through by the drill, which log or a copy thereof shall from time to time be furnished to the Minister upon demand.

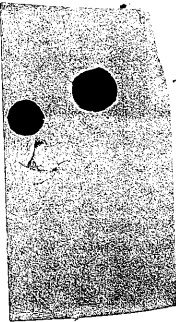
*Section 48.*—Every licensee and every lessee, unless in any case wholly or partially excused from so doing by the Minister, shall properly case each well with casing in accordance with the best approved methods, landing and effectually cementing one or more strings of the casing in clay or other water-impervious strata or formation between all water-bearing sands or strata and any underlying petroleum deposit, and generally shall take all such steps as are reasonably necessary for effectually shutting off all water overlying and underlying the petroleum deposits, and for effectually preventing any water from penetrating such petroleum deposits.

**EXTRACT FROM THE MINES (PETROLEUM) ACT 1939.**

*Section 7 (6).*—Every licensee shall—

- (a) retain for a period of not less than twelve months all cores obtained by drilling and representative samples of other specimens obtained from the land . . . and, when so required by the Minister, forward the same to the Minister.





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