



# **GIPPSLAND-5 (W437)**

## **Well Summary Report**

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**Well Summary Card**

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PE904194

This is an enclosure indicator page.  
The enclosure PE904194 is enclosed within the  
container PE906081 at this location in this  
document.

The enclosure PE904194 has the following characteristics:

ITEM\_BARCODE = PE904194  
CONTAINER\_BARCODE = PE906081  
NAME = well card  
BASIN = GIPPSLAND  
PERMIT =  
TYPE = WELL  
SUBTYPE = WELL\_CARD  
DESCRIPTION = well card Gippsland 5  
REMARKS =  
DATE\_CREATED = 24/04/48  
DATE\_RECEIVED =  
W\_NO = W437  
WELL\_NAME = Gippsland-5  
CONTRACTOR = Gippsland Oil Co NL  
CLIENT\_OP\_CO = Gippsland Oil Co NL

(Inserted by DNRE - Vic Govt Mines Dept)

LITHOLOGY

GIPPSLAND OIL CO. LTD. - GIPPSLAND No.5.

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

0' - 30'	Sandy clay
30' - 68'	Yellow marl
68' - 326'	Grey marl
326' - 405'	Polyzoal limestone
405' - 700'	Sticky grey marl
700' - 809'	Green grey marl
809' - 811'	Hard band
811' - 821'	Green grey marl
821' - 935'	Grey marl
935' - 990'	Sticky grey marl
990' - 1014'	Grey marl
1014' - 1032'	Grey marl sticky
1032' - 1137'	Brown micaceous clay.
1137' - 1139'	Hard band
1139' - 1152'	Brown micaceous clay
1152' - 1153'	Hard band
1153' - 1177'	Brown micaceous clay
1177' - 1178'	Hard band
1178' - 1206'	Brown micaceous clay
1206' - 1207'	Hard band
1207' - 1280'	Brown micaceous clay
1280' - 1281'	Glaucinite (Oil Sand)

Last Depth reported: 1306 feet.

Thin hard bands at: 1160': 1169': 1184': 1195: 1222': 1243':  
1265' - 1265'6".

GIPPSLAND OIL CO. LTD. - GIPPSLAND No.5.

*Handwritten:*  
854/7

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

0'	-	15'	Gravel
15'	-	20'	Clay, yellow
20'	-	23'	Sand, cemented brown
23'	-	36'	Clay, grey-yellow seams
36'	-	56'	Clay, sandy yellow
56'	-	60'	Clay, grey - streaks yellow
60'	-	98'	Clay, grey
98'	-	210'	Sands, coarse - fine, clayey
210'	-	218'	Sand, fine, silty
218'	-	228'	Marl, silty, grey
228'	-	228'3"	Limestone, thin band, <sup>im pure.</sup> improve
228'3"	-	238'	Marl, sandy, grey
238'	-	244'	Marl, shelly, silty
244'	-	250'	Marl, grey, shelly
250'	-	284'	Marl, greenish grey, shells abundant
284'	-	284'3"	Limestone, thin band, hard
284'3"	-	309'	Marl, silty, sandy, dark grey
309'	-	310'	Limestone, dark, firm - not hard
310'	-	345'	Marl, dark grey, shells abundant
345'	-	403'	Marl, grey, sticky
403'	-	426'	Marl, greenish-grey, sticky
426'	-	460'	Marl, grey, shelly
460'	-	540'	Polyzoal lime, coral, shelly
540'	-	560'	Marl, grey, shelly
560'	-	609'	Marl, grey, sticky
609'	-	760'	Marl, grey, sticky. With few firm to hard bands, limestone. Bands narrow, being only few inches in thickness
760'	-	800'	Marl, greenish grey
800'	-	823'	Marl, grey, sticky
823'	-	823'9"	Limestone
823'9"	-	864'	Marl, grey very sticky
864'	-	865'	Polyzoal lime
865'	-	876'	Marl, grey, shelly
876'	-	893'	Marl, greenish grey, sticky
893'	-	896'	Limestone, firm - not hard
896'	-	915'	Marl, greenish grey, sticky
915'	-	970'	Marl, grey, pugy. Marl dry and flaky in places

970'	-	971'	Limestone, firm - not hard
971'	-	980'	Marl, grey, very puggy, sticky
980'	-	1006'	Marl, grey, with thin bands firm to hard limestone
1006'	-	1015'	Marl, grey, very puggy and sticky
1015'	-	1031'	Marl, greenish grey, friable
1031'	-	1049'	Marl, grey, very PUGGY
1049'	-	1055'	Marl, grey, small shells and minute coral in greater quantity in this 6 feet
1055'	-	1070'	Marl, grey, PUGGY
1070'	-	1072'6"	Marl, firm to hard
1072'6"	-	1080'	Marl, greenish grey, puggy. Glauconitic specks pronounced
1080'	-	1082'	Marl, greenish grey, portion hard
1082'	-	1090'	Marl, greenish grey, puggy
1090'	-	1110'	Marl, greenish grey and grey, PUGGY
1110'	-	1140'	Marl, greenish grey to grey, PUGGY. Few large shells
1140'	-	1142'	Marl, grey
1142'	-	1145'	Marl, light brown, tough
1145'	-	1150'	Marl
1150'	-	1175'	Marl, streaky seams, light brown and grey. Light brown seams appearance, micaceous.
1175'	-	1206'	Marl, light brown micaceous and grey in seams. Material dry, flaky.
1206'	-	1242'	Silty, micaceous marl containing glauconitic specks, some shells, pyrites. Light brown and greenish brown in colour.
1242'	-	1242'6"	Band of hard dark grey limestone
1242'6"	-	1260'	Same as 1206'-1242'. Darker brown
1260'	-	1262'	Seam brown micaceous clayey marl or lignitic clay?
1262'	-	1272'	Silty micaceous marl. Greenish brown, glauconitic specks, pyrites.
1272'	-	1280'	Marl, sandy, micaceous, greenish brown, pyrites abundant
1280'	-	1282'	Fine grey silty sand. Pieces of wood with pyrites attached.
1282'	-	1284'	Marl, brownish grey, micaceous.
1284'	-	1284'6"	Band hard dark grey limestone.
1284'6"	-	1297'	Marl (or lignitiferous clay?) dark brown micaceous, pyrites occasional glauconitic grains
at 1297'			2" band hard limestone
1297'	-	1303'	Same as 1284'6"-1297'

1303'	- 1309'	Silty greenish brown marl, micaceous, few shells, pyrites.
1509'	- 1309'7"	7" or 8" hard dark grey limestone.
1309'7"	- 1333'	Alternate seams brown micaceous marl and greenish brown sandy marl with shells, pyrites.
1333'	- 1334'	Hard, dark grey limestone. Pyrites in varied form, abundant throughout above (This may mean 1303'-1334' or 1333'-1334' )
1334'	- 1366'	Alternate layers brown micaceous marl and greenish brown sandy marl. Pyrites in varied forms abundant.
1366'	- 1370'	Greenish-brown micaceous marl, silty or sandy.
1370'	- 1371'	Hard firm, light grey, marl.
1371'	- 1394'	Same as 1366'-1370'
1394'	- 1395'	Greenish-brown, micaceous, with soft brown material in pellets, glauconite grains abundant.
1395'	- 1397'	Glauconite, greenish, micaceous, dry.
1397'6"	- 1420'	Glauconite, in alternate hard grey-green sandstone and soft green and brown layers. 1397'6"-1402'6" soft glauconite and narrow bands sand glauconite sandstone.
1420'	- 1425'	Glauconitic sand and gravel with narrow bands dark grey sandstone, rounded pellets pyrites, petrified or? wood.
at 1425'		2" very hard dark grey sandstone.
1425'	- 1426'6"	Fine floury grey micaceous sand.
1426'6"	- 1427'	Dark brown porous sandstone, rich in shells.
1427'	- 1429'	Fine to coarse grey sand.
1429'	- 1429'1"	Fine gravel and coarse sand.
1429'1"	- 1429'3"	Fine floury grey sand.
1429'3"	- 1430'	
1430'	- 1439'	Sand, fine micaceous to coarse with pyrites. in rounded pellets, coal replaced by pyrites, sharks teeth 1/2"-3/4" in length.
1439'	- 1439'3"	Thin seam limestone in rounded forms, coated with coarse sand.
1439'3"	- 1439'6"	Pyrites, apparently in solid form though shattered in core barrel.



1439'6" - 1442'	Sand, coarse cemented with earthy material.
1442' - 1444'	Pyrites, in rounded forms, with sand.
1444' - 1444'2"	Narrow seam sand, fine to coarse, cemented with limy material.
1444'2" - 1452'	Sand, fine, coarse to gravel (quartz), loose caving.
1452' - 1460'6"	Sand, fine, grey, last 1'6" very loose and with pyrites, small rounded.
1460'6" - 1461'	Sandstone, firm (not hard) light brown, with abundant shell impressions, sharks teeth, bone etc.
1461' - 1466'	Sand, fine, packed, very abrasive. Pyrites small rounded.
1466' - 1467'	Sand, coarse.
1467' - 1472'	Sand, fine to coarse, loose, pyrites.
1472' - 1474'6"	Silty brown micaceous clay soft (or lignitic clay?)
1474'6" - 1482'	Sand, fine, coarse, pyrites.
1482' - 1482'3"	Hard sandstone cemented with limy material.
1482'3" - 1484'6"	Sand, fine, packed.
1484'6" - 1485'6"	Brown sandy material giving reaction with hydrochloric acid and containing teeth, bone, fish remains.
1485'6" - 1488'	Sand, fine, micaceous, very loose.
1488' - 1488'4"	Solid pyrites with embedded carbonaceous material.
1488'4" - 1489'	Seam soft sandstone with signs shell impressions
1489' - 1494'	Sand, fine, grey with fine pyrites.
1494' - 1497'	Sandy lignite or lignitiferous clay (dark brown)
1497' - 1502'	Brown sandy clay, <u>lignitic</u> .
1502' - 1504'	Sand, fine, dark, with rounded pyrites.
1504' - 1505'	Slate, soft, decomposed, with rounded quartz gravel embedded.
1505' - 1508'	Slate, hard.
	Drilling finished at 1508 feet.
<u>WATER</u> 2108' - 218'	Small supply water.
238' - 244'	Supply not large. Level 204'.
460' - 540'	Water met. Standing at 205' from surface
1280' - 1282'	Water sand. " " 165' " "
1425' - 1426'6"	Water present " " 105'
at 1429'3" -	During bailing tests for oil water level gradually rising to 101'.
1485'5" - 1488'	Water present. Water level 95' from surface.

HYDROCARBONS

OIL AND GAS.

1290' - 1292'

Small show of gas, Burns on boiler with  
marsh-gas flame.

1402'6"

Gas appears stronger (quantity)

1397' - 1420'

(During drilling of the section *la*) Gas in fair  
quantity in evidence.

1429' - 1429'7"

Free mineral Oil. Oil bailed heavy, dark  
brown.

at 1429'3"

Bailing test of oil sand at 1429'. Three  
day test, 8 hours per day - average 1/2 pint oil  
daily.

Later

Bailing test of 1429' sand. Oil gradually  
decreased in supply.

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WEEKLY REPORTS

MINES DEPARTMENT.

VICTORIA.

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Mines (Petroleum) Act 1935.  
SECTION 45.

Record of Work at GIPPSLAND - No. 5. bore on

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

ending May 1st. 19 48.

DEPTH	DESCRIPTION OF STRATA
0-30	SANDY CLAY.
30-68	YELLOW MARL.
68-2 95	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 RUN TO 78' 5".

- 1 Mr Young ✓
- 2 Mr Thomas ✓
- 3 Mr Purcup ✓
- 4 Mr Windsor No. 11/5/48 ✓

Signed *H. Palmer*  
GIPPSLAND OIL COMPANY LIMITED  
Legal Manager Coy.

Date 6 / 5 / 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.**

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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.

2/10

**MINES DEPARTMENT.**

**VICTORIA.**

*Mines (Petroleum) Act 1935.*  
SECTION 45.

*Record of Work* at No. 5. bore on

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

ending May 8th 1948

DEPTH	DESCRIPTION OF STRATA
295-326	Grey Marl.
326-405	Polyzoal Limestone.
405-518	Sticky 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.)

*1 Mr. Hancock ✓  
2 Mr. Hancock ✓  
3 Mr. Brunich ✓  
4 Mr. Warden ✓  
25/5/48*

Signed GIPPSLAND OIL COMPANY LIMITED

Legal Manager [Signature] Coy.

Date 14/5/48

\* Strike out words not applicable.

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

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*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.



MINES DEPARTMENT.

VICTORIA.

Mines (Petroleum) Act 1935.

SECTION 45.

Record of Work at NO. 5 bore on

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

ending MAY 15th 1948

DEPTH	DESCRIPTION OF STRATA
518 - 700	STICKY GREY MARL.
700 - 730	GREEN 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.)

- 1 Mr Thomas ✓
- 2 Mr Binney ✓
- 3 " Wudro 25/5/48

Signed *[Signature]*

Legal Manager GIPPSLAND OIL COMPANY LIMITED Coy.

Date 21 / 5 / 48

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

**EXTRACT FROM THE MINES (PETROLEUM) ACT 1935,  
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MINES DEPARTMENT.

VICTORIA.

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Mines (Petroleum) Act 1935.  
SECTION 45.

Record of Work at No. 5 bore on

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

ending MAY 22nd. 19 48.

DEPTH	DESCRIPTION OF STRATA
730 - 809	GREEN GREY MARL.
809 - 811	HARD BAND.
811 - 821	GREEN 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.)

Ran 807 ft. 5ins. of 6 in. Casing.

1. Mr. Thomas  
 2. Mr. Bunney  
 3. " Windsor  
 Drt

Signed *H. Palmer*

Legal Manager GIPPSLAND OIL COMPANY LIMITED Coy.

Date 28 / 5 / 48.

\* Strike out words not applicable.

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

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5/10

**MINES DEPARTMENT.**

**VICTORIA.**



Mines (Petroleum) Act 1935.  
SECTION 45.

Record of Work at NO. 5 bore on

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

ending MAY 29th. 19 48.

DEPTH	DESCRIPTION OF STRATA
821 - 903	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.)

6" Casing run to 887 ft.

Small showing of gas from 880ft. on.

1. Mr Thomas J. J.  
 2. Mr Bunnick M.B.  
 3. " Windsor M. 21/6/48

Signed *[Signature]*

Legal Manager GIPPSLAND OIL COMPANY LIMITED Coy.

Date 3 / 6 / 48.

\* Strike out words not applicable.

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

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6/10

# MINES DEPARTMENT.

VICTORIA.



Mines (Petroleum) Act 1935.  
SECTION 45.

Record of Work at NO. 5 bore on

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

ending June 5th. 19 48.

DEPTH	DESCRIPTION OF STRATA
903-935	GREY MARL.
935-990	STICKY 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.)

6" Casing run to 987 ft.

Gas Showing.

*Dr Thomas*  
*Mr Bunney*  
*Mr Widdow*  
*10/6/48*

Signed *H J Palmer*

Legal Manager GIPPSLAND OIL COMPANY LIMITED Coy.

Date 10 / 6 / 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.

(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.



7/10

# MINES DEPARTMENT.

VICTORIA.



Mines (Petroleum) Act 1935.  
SECTION 45.

Record of Work at ..... NO. 5 ..... bore on

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

ending ..... JUNE 12th. .... 19 48.

DEPTH	DESCRIPTION OF STRATA
990 - 1014	GREY MARL.
1014 - 1032	GREY MARL STICKY.
1032 - 1051	BROWN MICACIOUS. 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 to 1036 ft.

1. Mr. Thomas  
 2. Mr. Binney  
 3. " Winder 14/7/48

Signed

Legal Manager

GIPPSLAND OIL COMPANY LIMITED

Coy.

Date 18 / 6 / 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.**

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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—

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8/10

**MINES DEPARTMENT.**

**VICTORIA.**



*Mines (Petroleum) Act 1935.*  
SECTION 45.

*Record of Work* at ..... No. 5. .... bore on

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

ending ..... JUNE 19th. .... 19 48.

DEPTH	DESCRIPTION OF STRATA
1051 - 1137	BROWN MICACEOUS CLAY.
1137 - 1139	HARD BAND.
1139 - 1141	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 1130 ft.

*1. See Howard's  
2. Mr. Burrey  
3. " Windsor 12/1/48*

Signed *[Signature]*

GIPPSLAND OIL COMPANY LIMITED  
Legal Manager ..... Coy.

Date 23 / 6 / 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.**

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(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
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*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.

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

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

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9/10.

# MINES DEPARTMENT.

VICTORIA.

Mines (Petroleum) Act 1935.  
SECTION 45.

Record of Work at NO. 5. bore on

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

ending JUNE 26TH 19 48

DEPTH	DESCRIPTION OF STRATA
1141-1152	BROWN MICACEOUS CLAY.
1152-1153	HARD BAND
1153-1177	BROWN MICACEOUS CLAY.
1177-1178	HARD BAND
1178-1206	BROWN MICACEOUS CLAY.
1206-1207	HARD BAND
1207-1280	BROWN MICACEOUS CLAY.
1280-1281	GLAUCONITE (OIL SAND)

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.)

THIN HARD BANDS AT 1160, 1169, 1184, 1195, 1222, 1243

HARD BAND 6" THICK AT 1265-1265'6"

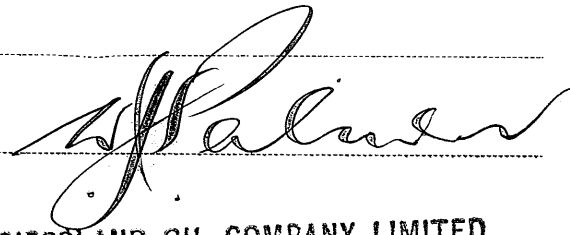
1281'4" OF 6" CASING RUN.

*SW 6/1/48*

*MB 12/7/48*

*MW 12/7/48*

Signed



Legal Manager GIPPSLAND OIL COMPANY LIMITED Coy.

Date 6, 7, 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.**

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10/10

# MINES DEPARTMENT.

VICTORIA.



Mines (Petroleum) Act 1935.  
SECTION 45.

Record of Work at No. 5 bore on

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

ending 28th. AUGUST. 19 48.

DEPTH	DESCRIPTION OF STRATA
Aug. 9th.	After standing from July 22nd. fluid rose 530ft yielding 7½ gallons. of Oil, not water bailed.
17th.	After standing 8 days fluid rose 125 ft. and 4 gallons Oil. Bore bailed dry.
18th.	Bailed 27ft. fluid for ½ gallon Oil. Cored 5 ft. and reamed to bottom bailed dry. <u>Depth 1306 ft.</u>
28th.	Fluid rose 360ft. yielded 7 gallons Oil. Bore bailed dry.

*Mr Palmer  
Mr Thomas  
Mr Bennett  
Mr Woodson  
to file, please  
15/9/48  
J.P.  
S.P.*

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.)

Signed *H.J. Palmer*  
GIPPSLAND OIL COMPANY LIMITED  
Legal Manager Coy.

Date 6 / 9 / 48.

\* Strike out words not applicable.

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

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