



Natural Resources and Environment

AGRICULTURE • RESOURCES • CONSERVATION • LAND MANAGEMENT

WCR

(G.B)

WOODSIDE - 3

(W443)

ONSHORE

WOODSIDE OIL CO

1 Folio No	2 Referred to	3 Date	4 Clearing Officer's Initials	1 Folio No.	2 Referred to	3 Date	4 Clearing Officer's Initials
	PPL/174						

FILE COVER INSTRUCTIONS FOR ACTION OFFICERS

- (1) FOLIO NUMBERS: Each subject paper attached to a file is to be given a consecutive number by the attaching officer. Papers must not be removed from or attached to a file without approval.
- (2) REFERRAL TO OTHER OFFICERS: When an Officer completes action on the file and further action is required by some other Officer, please initial Column (4) and on the next vacant line, enter the relevant folio number in Column (1), indicate to whom the file is to be forwarded in Column (2) and record the date in Column (3).

- (3) BRING UP MARKINGS: When action on a file is required at a later date, the officer will initial Column (4) and, on the next vacant line, enter the relevant folio number in Column (1), then write "B/U" followed by the action officer's name in Column (2) and the date the file is required in Column (3).
- (4) PUTAWAY MARKINGS: When ALL action on a file is completed the officer concerned will initial Column (4) and, on the next vacant line, write "P/A" in column (2).

LOCATION

REGISTRY MUST BE NOTIFIED OF ANY FILE MOVEMENTS BETWEEN OFFICERS

WELL SUMMARY
WOODSIDE-3
(W443)

CONTENTS

APPENDICES.....

1.0 Well Card

2.0 Drilling Data

3.0 Lithology

3.1 Core Descriptions

3.2 Lithologic Log

ENCLOSURES.....

1.0 Stratigraphic Correlation

2.0 Composite Well Log

3.0 Geological Cross Section

APPENDIX 1.0

PE906916

This is an enclosure indicator page.
The enclosure PE906916 is enclosed within the
container PE905588 at this location in this
document.

The enclosure PE906916 has the following characteristics:

ITEM_BARCODE = PE906916
CONTAINER_BARCODE = PE905588
NAME = Well Card
BASIN = GIPPSLAND
PERMIT = PPL/174
TYPE = WELL
SUBTYPE = WELL_CARD
DESCRIPTION = Well Card for Woodside-3
REMARKS =
DATE_CREATED = 27/07/56
DATE_RECEIVED =
W_NO = W443
WELL_NAME = WOODSIDE-3
CONTRACTOR =
CLIENT_OP_CO = WOODSIDE (LAKES ENTRANCE) OIL CO NL

(Inserted by DNRE - Vic Govt Mines Dept)

APPENDIX 2.0

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at .WOODSIDE.(LAKES.ENTRANCE).OIL.CO... bore on
NO. 3 WELL

* Petroleum Prospecting Licence Number174..... during week
* ~~Petroleum Prospecting Licence~~
ending ...18th.May,.1956..... 19...

DEPTH	DESCRIPTION OF STRATA
Nil - 116'	Sand and Blue Grey Shale.
116' - 547'	Coarse sand Shells and Blue Clay.
547' - 606'	Sand and Blue Clay.
606' - 820'	Sand.
820' - 1049'	Sand with bands of grey shale.
1049' - 1087'	Sandstone and bands of 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.)

13.3/8" Casing cemented to 108'2".

Handwritten notes:
This is the same as the one in the file
for your file
20.6.56

SIGNED .WOODSIDE.(LAKES.ENTRANCE).OIL.CO. N.I

LEGAL MANAGER ..Rees.B..Withers..... COY.

Date ..15../..6../.56.. .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at WOODSIDE (LAKES ENTRANCE) OIL CO. bore on
No. 3 WELL.

* Petroleum Prospecting Licence Number ...174..... during week
* ~~Petroleum Prospecting Licence~~
ending 25th May, 1956..... 19...

DEPTH	DESCRIPTION OF STRATA
1087' - 1150'	Sandstone.

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.)

9.5/8" Casing cemented to 1136/4".

Well standing cemented most of this week.

SIGNED WOODSIDE (LAKES ENTRANCE) OIL CO. N.L.

LEGAL MANAGER ..Rees.B..Withers..... COY.

Date .15../.6../.56.. .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at WOODSIDE (LAKES ENTRANCE) OIL CO. bore on
No. 3 WELL

* Petroleum Prospecting Licence Number 174 during week
~~* Petroleum Prospecting Licence~~

ending 1st June, 1956 19...

DEPTH	DESCRIPTION OF STRATA
1150' - 1191'	Silt sandstone
1191' - 1285'	Silty sandstone
1285' - 1469'	Silty Sandstone and Limestone
1469' - 1705'	Silty Sandstone and Limestone.

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.)

Extensive coring carried out this week.

Inclinometer reading 1705 feet 0 degrees.

SIGNED WOODSIDE (LAKES ENTRANCE) OIL CO. N.L.

LEGAL MANAGER Rees. B. Withers COY.

Date 15./6./56

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

4/11

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at WOODSIDE. (LAKES. ENTRANCE). OIL CO.... bore on
NO. 3 WELL.

* Petroleum Prospecting Licence Number ..174..... during week
* ~~XXXXXXXXXXXXXXXXXXXX~~
ending ..8th June, 1956..... 19...

DEPTH	DESCRIPTION OF STRATA
1705' - 1930'	Limestone with bands of Clay.
1930' - 2114'	Hard to Soft Limestone.
2114' - 2247'	Limestone with Marl Bands.
2247' - 2492'	Blue Clay, Mudstone with traces of coal.
2492' - 2652'	Brown Coal and Quartz gravel.
2652' - 2816'	Brown Coal with Clay Bands.

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.)

SIGNED WOODSIDE. (LAKES. ENTRANCE). OIL CO. N.L.

LEGAL MANAGER ..Rees. B..Withers..... COY.

Date .15../..6../.56.. .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

5/11

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at WOODSIDE (LAKES ENTRANCE) OIL CO. bore on
NO. 3 WELL.

* Petroleum Prospecting Licence Number174..... during week
* ~~Petroleum Mining Licence~~
ending15th June, 1956.

DEPTH	DESCRIPTION OF STRATA
2816' - 2886'	Quartz and Sandstone.
2886' - 3042'	Brown Coal, sandstone and clay bands.
3042' - 3239'	Sandstone and White Quartz.
3239' - 3515'	Quartz and Sandstone.
3515' - 3728'	Quartz Brown Clay and Mudstone.

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.)

SIGNED WOODSIDE (LAKES ENTRANCE) OIL CO. N.L

LEGAL MANAGER ...Rees. B. Withers..... COY.

Date 12./7./56

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

6/11

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at ..WOODSIDE (LAKES ENTRANCE) OIL CO. N.L. bore on
No. 3 WELL

* Petroleum Prospecting Licence Number174..... during week
~~* Petroleum Mining Lease~~
ending22nd June, 1956. 19...

DEPTH	DESCRIPTION OF STRATA
3728' - 3815'	Grey Shale and Sandstone.
3815' - 4007'	Grey Shale and Sandstone.
4007' - 4244'	Grey Shale and Sandstone.

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.)

SIGNED WOODSIDE (LAKES ENTRANCE) OIL CO. N.L.

LEGAL MANAGER ...Rees.B.Withers..... COY.

Date ..12../...7../..56.. .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

7/11

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at WOODSIDE (LAKES ENTRANCE) OIL CO. N.L. bore on
No. 3 WELL.

* Petroleum Prospecting Licence Number174..... during week
* ~~Petroleum Mining Licence~~
ending29th June,..... 1956.

DEPTH	DESCRIPTION OF STRATA
4244' - 4425'	Sandy Shale and Grey Shale Bands.
4425' - 4666'	Grey Sandstone, medium hard.

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.)

SIGNED WOODSIDE (LAKES ENTRANCE) OIL CO. N.L.

LEGAL MANAGERRees B. Withers..... COY.

Date ..12../...7../...56: .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

8/11

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at WOODSIDE. (LAKES. ENTRANCE). OIL. CO. N.L. bore on
No. 3 WELL.

* Petroleum Prospecting Licence Number174..... during week
* ~~Petroleum Prospecting Licence~~
ending6th July,..... 1956.

DEPTH	DESCRIPTION OF STRATA
4666' - 4745'	Grey Sandstone with Grey Shale Bands.
4745' - 5266'	Grey Sandstone with Shale Bands with trace of Siltstone.

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.)

SIGNED WOODSIDE. (LAKES. ENTRANCE). OIL CO. N.L.

LEGAL MANAGER ..Rees.B..Withers..... COY.

Date ..12./...7./..56.. .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

9/11

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at WOODSIDE (LAKES ENTRANCE) OIL CO. N.L. bore on
No. 3 WELL.

* Petroleum Prospecting Licence Number174..... during week
* ~~Petroleum Mineable Lease~~
ending ...14th July, 1956.... 19...

DEPTH	DESCRIPTION OF STRATA
5266' - 5350'	Grey Sandstone with Shale Bands.
5350' - 5453'	Blue Grey Sandstone.

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.)

Very hard formations and extensive coring retarded drilling progress.

SIGNED WOODSIDE (LAKES ENTRANCE) OIL CO. N.L.

LEGAL MANAGERRees. B.. Withers..... COY.

Date ..31./..8../..56..

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

10/11

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at WOODSIDE (LAKES ENTRANCE) OIL CO. N.L. bore on
No. 3 WELL

* Petroleum Prospecting Licence Number 174 during week
* ~~Petroleum Mineral Lease~~
ending 21st July, 1956 ... 19...

DEPTH	DESCRIPTION OF STRATA
5453' - 5507'	Sandstone and Hard Sandy Shale.
5507' - 5583'	Hard Sandstone.
5583' - 5632'	Hard Grey Sandstone.
5632' - 5693'	Sandstone (Medium hard) with Shale bands.

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.)

SIGNED WOODSIDE (LAKES ENTRANCE) OIL CO N.L.

LEGAL MANAGER ... Rees. B. Withers COV.

Date .. 31. / .. 8. / .. 56. .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

VICTORIA

11/11

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at WOODSIDE (LAKES ENTRANCE) OIL CO. N.L. bore on
NO. 3 WELL.

* Petroleum Prospecting Licence Number174..... during week
* Petroleum Mineral Lease ending28th July,..... 1956,

DEPTH	DESCRIPTION OF STRATA
5693' - 5795'	Hard Shale and Sandstone.
5795' - 5863'	Hard Shale and Sandstone.
5863' - 5985'	Hard Shale and Sandstone.

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.)

Well abandoned after reaching depth of 5985 feet in Hard Shale and Sandstone.

Cemented well off with 30' cement plug 60' from surface.

SIGNED WOODSIDE (LAKES ENTRANCE) OIL CO. N.L.

LEGAL MANAGER ... Rees. B. Withers..... COY.

*Dr. Thomas
Copies for your files
5.9.56.*

Date ..31./...8./56.. .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

APPENDIX 3.0

WOODSIDE No 3.

Lithology of cores of Jurassic Feldspathic Sandstone (Arkose) part.

4425'-4442'

Top

17" Medium to coarse grained gray arkose.

30" Med-fine grained gray arkose.

40" Med-coarse grained gray arkose with pellets of mudstone, and strands of coal, occasional pieces of quartz grit.

22" Med-fine grained gray arkose.

13" Med-coarse grained gray arkose.

9" Med-coarse grained calcareous arkose.

13" Med-coarse grained gray arkose.

Bottom

5350'-5368'

10'1" Uniform medium grained gray arkose with occasional strands of coal.

5368'-5382'

Top

15" Med grained gray arkose with few thin bands of coal.

4" Black shale with slickensides.

9" Black shale.

20" Fine grained gray arkose with $\frac{1}{2}$ -1" bands of black shale.8" Fine grained gray arkose with $\frac{1}{2}$ -1" bands of black shale & strands of coal.

19" Finer grained dark gray arkose.

21" Finer grained gray arkose with strands of coal.

19" Finer grained gray arkose with pellets of mud.

Bottom.

5382'-5400'

Top

7" Light gray medium grained arkose.

5" Light blue shale.

8" Light gray fine grained arkose.

27" Light blue mudstone with few bands and strands of med grained arkose.

19" Medium grained gray arkose.

8" Blue shale with $\frac{1}{4}$ " bands of true arkose (pale red colour)

27" Light blue shale.

12" Medium grained gray arkose.

2" Alternating strands of mudstone and gray arkose.

18" Medium grained gray arkose grading into gray siltstone.

Bottom.

5400'-5418'

Top

36" Med-coarse grained gray arkose with few specks of coal.

1" Gray laminated siltstone.

5" Med-coarse grained gray arkose with few specks of coal.

3" Gray laminated siltstone.

7" Med-fine grained gray arkose.

28" Medium grained gray arkose.

9" Med-fine grained gray arkose.

14" Med-coarse grained gray arkose.

2" Calcareous arkose with many specks of coal.

4" Med-fine grained gray arkose.

12" Calcareous arkose with many specks of coal.

2" Medium grained gray arkose with specks of coal.

32" Coarse grained gray arkose with more feldspsr than usual.

Bottom.

W # 3

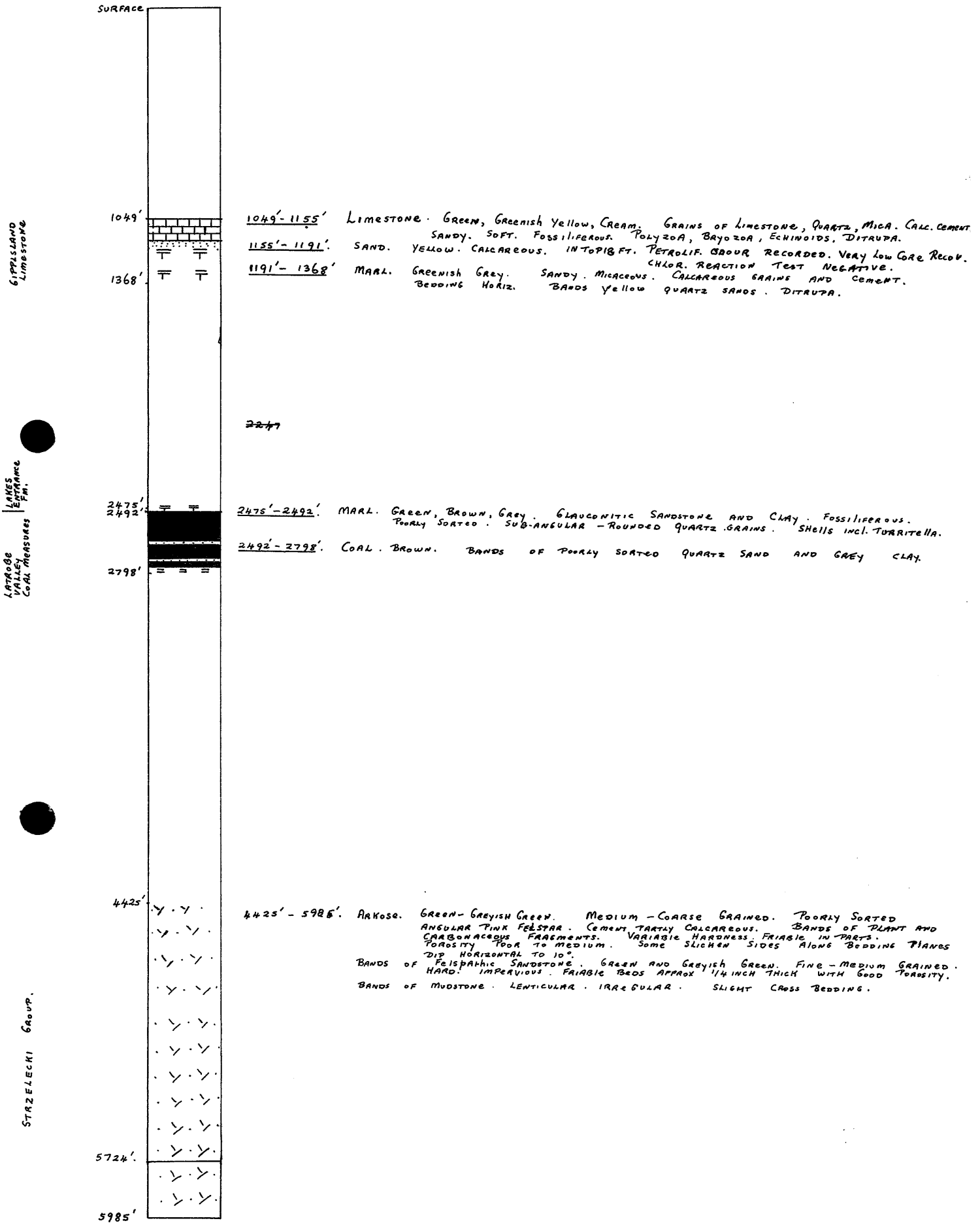
7 MAR 1966

WOODSIDE WELL No. 3.

WOODSIDE # 3

LITHOLOGIC LOG

W 443



ENCLOSURES

PE905586

This is an enclosure indicator page.
The enclosure PE905586 is enclosed within the
container PE905588 at this location in this
document.

The enclosure PE905586 has the following characteristics:

ITEM_BARCODE = PE905586
CONTAINER_BARCODE = PE905588
NAME = Stratigraphic Correlation
BASIN = GIPPSLAND
PERMIT = PPL/174
TYPE = WELL
SUBTYPE = CROSS_SECTION
DESCRIPTION = Stratigraphic Correlation between
Woodside bores 1-3 (from WCR) for
Woodside-3
REMARKS =
DATE_CREATED =
DATE_RECEIVED =
W_NO = W443
WELL_NAME = WOODSIDE-3
CONTRACTOR =
CLIENT_OP_CO =

(Inserted by DNRE - Vic Govt Mines Dept)

PE905585

This is an enclosure indicator page.
The enclosure PE905585 is enclosed within the
container PE905588 at this location in this
document.

The enclosure PE905585 has the following characteristics:

ITEM_BARCODE = PE905585
CONTAINER_BARCODE = PE905588
 NAME = Composite Well Log
 BASIN = GIPPSLAND
 PERMIT = PPL/174
 TYPE = WELL
 SUBTYPE = COMPOSITE_LOG
DESCRIPTION = Composite Well log of Woodside 2&3
 (from WCR) for Woodside-3
REMARKS =
DATE_CREATED =
DATE_RECEIVED = 17/03/86
 W_NO = W443
 WELL_NAME = WOODSIDE-3
CONTRACTOR =
CLIENT_OP_CO =

(Inserted by DNRE - Vic Govt Mines Dept)

PE905593

This is an enclosure indicator page.
The enclosure PE905593 is enclosed within the
container PE905588 at this location in this
document.

The enclosure PE905593 has the following characteristics:

- ITEM_BARCODE = PE905593
- CONTAINER_BARCODE = PE905588
 - NAME = Geological Cross-section
 - BASIN = GIPPSLAND
 - PERMIT = PPL/174
 - TYPE = WELL
 - SUBTYPE = CROSS_SECTION
- DESCRIPTION = Geological Cross-section for Woodside
wells 1-3 (from WCR) for Woodside-3
- REMARKS =
- DATE_CREATED =
- DATE_RECEIVED =
- W_NO = W443
- WELL_NAME = WOODSIDE-3
- CONTRACTOR =
- CLIENT_OP_CO =

(Inserted by DNRE - Vic Govt Mines Dept)