



WELL ELEMENTARY

REPORT

LAKE COOIE-1

W367

PE904075

This is an enclosure indicator page.  
The enclosure PE904075 is enclosed within the  
container PE904074 at this location in this  
document.

The enclosure PE904075 has the following characteristics:

- ITEM\_BARCODE = PE904075
- CONTAINER\_BARCODE = PE904074
- NAME = Well Card (1 of 2) for Cooie-1
- BASIN = OTWAY
- PERMIT =
- TYPE = WELL
- SUBTYPE = WELL\_CARD
- DESCRIPTION = Well Card (1 of 2) for Cooie-1
- REMARKS =
- DATE\_CREATED = 22/05/26
- DATE\_RECEIVED =
- W\_NO = W367
- WELL\_NAME = Lake Cooie-1
- CONTRACTOR = Point Addis Oil Wells NL
- CLIENT\_OP\_CO = Point Addis Oil Wells NL

(Inserted by DNRE - Vic Govt Mines Dept)

PE904076

This is an enclosure indicator page.  
The enclosure PE904076 is enclosed within the  
container PE904074 at this location in this  
document.


The enclosure PE904076 has the following characteristics:

ITEM\_BARCODE = PE904076  
CONTAINER\_BARCODE = PE904074  
NAME = Well Card (2 of 2) for Cooie-1  
BASIN = OTWAY  
PERMIT =  
TYPE = WELL  
SUBTYPE = WELL\_CARD  
DESCRIPTION = Well Card (2 of 2) for Cooie-1  
REMARKS =  
DATE\_CREATED = 22/05/26  
DATE\_RECEIVED =  
W\_NO = W367  
WELL\_NAME = Lake Cooie-1  
CONTRACTOR = Point Addis Oil Wells NL  
CLIENT\_OP\_CO = Point Addis Oil Wells NL

(Inserted by DNRE - Vic Govt Mines Dept)

WELL LAKE COOIE (LOMAUM) BORE		TYPE	BASIN
Tenement Holder <i>Pint Addis Oil Wells N.L.</i>		Map Used <i>Hamilton 1:250,000 Geology</i>	<i>Ph. KANGAROO</i>
Operator		Latitude <i>37°13'00"S</i>	<i>Alot 50.</i>
Tenement		Longitude <i>140°59'10"E</i>	<i>Schamis of Pinedge</i>
Elevation <i>± 355'</i>	Total Depth <i>1171'</i>	Status	
Spud? <i>22 May 1926</i>	Completed	Abandoned	
Casing <i>6" at 157' 5" at 501'.</i>			

STRATIGRAPHY

<i>Tertiary</i>	<i>0-509'</i>	DEPT. NAT. RES & EN  PE904075
<i>"Jurassic"</i>	<i>509'-1171' (TD?)</i>	

*Lithological log of Bore in Well file - Xerox copy of Bonaguidi W. 1947. p 450, 451.*

FORMATION TESTS

LOG SUMMARY AND INTERPRETATION

*Log of Bore - Chapman's Report P445, 450, 452 W.B Vol 2.*  
*Log of Bore - P.R. Kenley's Files.*

Pint Addis Oil Wells N.L.

W 367

WELL <b>COMAUM BORE</b>		TYPE	BASIN
Tenement Holder		Map Used	/
Operator <b>Point Addr's Oil Wells N.L.</b>		Latitude	
Tenement		Longitude	
Elevation	Total Depth	<b>117/feet.</b>	Status
Spud	<b>1926.</b>	Completed	Abandoned
Casing			

STRATIGRAPHY

*See Lake lovie (Comaum) Bore.*

DEPT. NAT. RES & ENV



PE904076

*Several bores have been called "Comaum" so & where possible alternative names have been used for ease of identification. Only one "Comaum" bore was drilled in Victoria. The other "Comaum" bores were drilled in South Australia. For logs of S. A. bores in "Comaum" area see Baragwanath W. 1947. p. 581. O'Driscoll E.P.D. 1960.*

FORMATION TESTS

LOG SUMMARY AND INTERPRETATION

*WB 450 - Lithological log & P. 645 for copy of F. Chapman's Report.  
 RRX file.*

Dr. Boreman et al. 1947. p. 445, 450, 451.

Nº 92

COPY

LAKE COOIE-1.

NOTES ON COMAUM BORE, WESTERN

VICTORIA AUSTRALIA

ms Bulletin see p. 450

This bore is located 36 miles north west of Casterton and is one mile east of the South Australian border near Lake Coocie.

The series submitted consisted of samples with definite depths and others with the depth doubtfully indicated. It has not been found necessary to deal with the doubtful specimens in detail, since we have obtained all the necessary information in the accurately denoted specimens.

The specimen labelled doubtfully at 7 ft. is a friable, somewhat earthy, deposit which, when washed down, consists of a large proportion of subangular and rounded quartz grains, beautifully polished by wind action, a quantity of rounded ironstone grains and numerous foraminifera, some of which are well preserved, including Massilina torquayensis, Cassidulina subglobosa, Sphaeroidina bulloides, and Cibicides mundulus, with the ostracod, Cytherea polytrema.

Below this doubtful sample, we commence the systematic examination at 132 ft. This sample is rich in microzoa and glauconite, the general aspect of which, together with above-~~weathered~~ weathered sample, points to a fairly low horizon in the Tertiary. Succeeding this in depth at 150 ft. to 150 ft. 8 in., the species of foraminifera met with include some forms, such as Vaginula aff. gippslandica and Clavulina angularis, that mark a position quite low in the Tertiary series; whilst among the ostracoda, the occurrence in abundance of ~~Cytherella~~ Cytherella intermedia, which was earlier described from the Sorrento Bore in the lowest Janjukian and Balcombian, supports this conclusion.

The samples below this, at 176 ft. and 248 ft., are highly interesting, both from a palaeogeographic and stratigraphic standpoint. In the first place, the rocks show an absolute change from the sample above, at 150 ft. to 150 ft. 8 in., with its moderately deep to shallow water conditions, and the one at 361 ft., which was presumably deposited at or above tide level. In the second place, from the stratigraphical standpoint, the occurrence of a large proportion of sponge spicules at 176 ft. appears to link up with other early Tertiary horizons where Ecionema is the prominent palaeontological factor.

A remarkable recurrence of polyzoal conditions is seen in the sample below, at 362 ft., and the foraminifera met with here still maintain the evidence for a low position in the Tertiaries. From the foregoing evidence, the whole of the series above, from 132 ft. to 362 ft. may undoubtedly be referred to the lower part of the Tertiary, and presumably of Oligocene age.

Below this, from 509 ft. to the bottom of the bore, which has been tentatively recorded at about 1000 ft., the samples are clearly referable to the Jurassic and consist of greenish felspathic mudstone with fragments of coal interspersed in the rock.

(Signed) F. CHAPMAN,

10.2.31.

sup 570

See page 450

sup 452 x 1170

POINT ADDIS OIL WELLS N. L.

No. 1 <sup>Comaum</sup> Comaum Bore, 22/5/26.

see P 445

0	-	6	Sand, fine grey
6	-	21	Clay, brown, micaceous
21	-	75	Limestone, polyzoal.
75	-	88	Marl.
88	112		Limestone
112	-	112.4	Quartzite.
112.4	-	132	Marl
132	-	133	Quartzite
133	-	136	Marl Set 6" casing 157.3
136	-	247	Limestone with alternating quartzite bars.
247	-	303	Marl
303	-	332	Limestone
332	-	344	Marl
344	-	367	Clay, black
367	-	377.6	Sandstone
377.6	-	457	Clay, white
457	-	464	Clay, carbonaceous
464	-	493	Shale, grey
493	-	501	Clay, dark
501	-	509	Shale, green - Set 5" casing.
509	-	528	Clay, carbonaceous
528	538		Shale, green
538	-	538.6	Sandstone
538.6	-	541	Shale, dark
541	-	541.3	Sandstone
541.3	-	543	Sand, hardened.
543	-	553	Shale, dark
553	-	554.6	Hardened sand
554.6	-	565	Shale, green
565	-	578	Hardened sand
578	-	579.6	Limestone
579.6	-	590	Shale, dark
590	-	590.7	Limestone
590.7	-	592	Hardened sand
592	-	592.6	Limestone
592.6	-	608	Shale, sandy (grey)
608	-	614	Hardened sand
614	-	621	Shale, sandy
621	-	625.6	Sand, hardened.
625.6	-	649	Shale, grey
649	-	669	Sand, grey, hardened.
669	-	670	Sand, hardened
670	-	670.6	Limestone
670.6	-	697	Shale, sandy
697	-	702	Hardened sand
702	-	714	Shale, dark
714	-	715.6	Sand, hardened
715.6	-	749	Shale, grey, green patches
749	-	750	Shale, black
750	-	761	Shale, green
761	-	781	Shale, grey
781	-	788	Sand, hardened
788	-	790	Shale, sandy ligneous
790	-	791	Limestone, hard, blue.
791	-	795	Shale, sandy
795	-	806.6	Sand, hardened
806.6	-	825	Shale, dark, alternating bands.
825	-	834	Shale, green
834	-	889.6	Shale, green
889.6	-	904.6	Sand, hardened
904.6	-	907	Limestone
907	-	910.6	Sand, hardened
910.6	-	966	Shale, sandy
966	-	968	Limestone, hard, grey
968	-	984	Shale
984	-	985	Sandstone
985	-	991	Shale, sandy
992	-	1006	Black and green shale
1030			Showing of gas
1033	-	1035	Limestone bar.

See Chapman's Report  
on this Bore  
No 20 Pal. file

Band of Irithium  
(Chapman)

1042 Carbonaceous shale  
1053 - 1054 Seam of black coal  
1060 Shale, green  
1061 - 1064 Light showing of gas and oil  
1171 Water sand

7/9/25.

*See reports on this bore by Chapman & Helen I. Crispin* (p. 415)



LAKE COOIE-1.

VICTORIA

NOTES ON COMAUM BORE, WESTERN AUSTRALIA

see p. 430

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sup 570

sup 412 x 1170

See page 430

(Signed) F. CHAPMAN,

10.2.31.

POINT ADDIS OIL WELLS N. L.

Comaum  
No. 1 Comaum Bore, 22/5/26.

LAKE COOIE-1.  
see p 445

0	-	6	Sand, fine grey
6	-	21	Clay, brown, micaceous
21	-	75	Limestone, polyzoal.
75	-	88	Marl.
88	-	112	Limestone
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377.6	-	457	Clay, white
457	-	464	Clay, carbonaceous
464	-	493	Shale, grey
493	-	501	Clay, dark
501	-	509	Shale, green - Set 5" casing.
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543	-	553	Shale, dark
553	-	554.6	Hardened sand
554.6	-	565	Shale, green
565	-	578	Hardened sand
578	-	579.6	Limestone
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834	-	889.6	Shale, green
889.6	-	904.6	Sand, hardened
904.6	-	907	Limestone
907	-	910.6	Sand, hardened
910.6	-	966	Shale, sandy

See Chapman's Report  
on this Bore  
No 20 lat. file

Band of  
Chapman

966	-	968	Limestone, hard, grey
968	-	984	Shale
984	-	985	Sandstone
985	-	991	Shale, sandy
992	-	1006	Black and green shale
1030			Showing of gas
1033	-	1035	Limestone bar. 450
1042			Carbonaceous shale
1053	-	1054	Seam of black coal
1060			Shale, green
1061	-	1064	Light showing of gas and oil
1171			Water sand

7/9/25.

*(purs)*  
 See reports on this bore by Chapman/Hunter I Larson

Paint Adonis Oil Wells N.L.

Lake Corie (Comaun) Base.

Spudded

1926. El. ca 355'

abandoned.

T.D. 1171(3)

Location =  $37^{\circ}13'10''S$ . Long.  $140^{\circ}59'10''E$ .

6" casing @ 157. 5" @ 501'

Interv. 0-509.

"Jensenii". 509-1171 (T.D.)

Corded.

log of bore + Chapman report. p. 445, 450, 452. W.B. Vol. 2.

Description of samples in Geol. Survey Museum show case 211-17-B,  
by P.R.K. 1955.

Corded