

WELL SUMMARY
KALIMNA-1
(W372)

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1) Well Card

PE904084

This is an enclosure indicator page.
The enclosure PE904084 is enclosed within the
container PE906019 at this location in this
document.

The enclosure PE904084 has the following characteristics:

ITEM_BARCODE = PE904084
CONTAINER_BARCODE = PE906019
NAME = well card
BASIN = GIPPSLAND
PERMIT =
TYPE = WELL
SUBTYPE = WELL_CARD
DESCRIPTION = well card Kalimna 1
REMARKS =
DATE_CREATED = 28/08/1929
DATE_RECEIVED =
W_NO = W372
WELL_NAME = Kalimna-1
CONTRACTOR = Kalimna Oil Co
CLIENT_OP_CO = Kalimna Oil Co

(Inserted by DNRE - Vic Govt Mines Dept)

2) Lithology

W372 *et. Boring Records 1429*
p. 117.

Kalimna Co. No. 1 Bore.
 Year 1929

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PARISH OF COLQUHOUN.

For L.E.D. Co.'s Nos. 1 and 2 Bores, and No. 1 (Govt.)
 Bore, see Boring Reports for 1924, 1927, and 1928.

Kalimna Co.'s No. 1 Bore.

Position.—In the bend of Hopetoun Channel on the south
 beach of Rigby Island.

Surface level, 3.6 feet.

Strata.	Thickness.		Depth struck	
	ft.	in.	ft.	in.
Clay, sandy	30	0	0	0
Sand, rock, with shells, grey, glauconitic	110	0	30	0
Sand, rock, rich in shells, granu- lar	50	0	140	0
Limestone, marly, grey, Polyzoal	40	0	190	0
Limestone, white, Polyzoal ..	101	0	230	0
Limestone, granular grey, glau- conitic	19	0	331	0
Limestone, marly, Polyzoal, ..	190	0	350	0
Limestone, hard, with shelly bands	115	0	540	0
Marl, laminated, with Polyzoal alternating	20	0	655	0
Limestone, granular, pyritic, glauconitic, grey, alternating with marls, laminated, and glauconitic	234	0	675	0
Limestone, hard, granular, glau- conitic, Polyzoal	41	0	909	0
Marl, grey, glauconitic, with pyrite, Polyzoal	55	0	950	0
Marl, grey	107	0	1,005	0
Hard band	1	0	1,112	0
Marl, grey	80	0	1,113	0
Hard band	1	0	1,193	0
Marl, dark, micaceous	70	0	1,194	0
Hard band	1	0	1,264	0
Marl, dark, micaceous	8	0	1,265	0
Hard band	0	8	1,273	0
Marl, dark, micaceous	19	4	1,273	8
Hard band	0	10	1,293	0
Marl, dark, micaceous	61	2	1,293	10
Hard band	0	6	1,355	0
Marl, dark, micaceous	31	6	1,355	6
Glauconite, hard and soft bands	31	0	1,387	0
Sandstone	26	0	1,418	0
Marl, sandy, micaceous	4	0	1,444	0
Sand, brown	24	0	1,448	0
Metamorphic schist	1	0	1,472	0
Depth bored	1,473	0

(Copy of Log)

KALIMNA OIL COMPANY - No. 1. BORE - LAKES ENTRANCE. (Rigby Island)

Elevation 10'.

Surface to 30' - sandy.

30'	to	140'	- sand rock, shells, grey glauconite rich in shells, granular.
140'	"	331'	- Do. and limestone, polyzoal, white
331'	"	1005'	- limestone, grey, granular and glauconitic marl, polyzoal, limestone hard shelly bands limestone, granular, pyritic, glauconitic. (<u>alt/alternating</u>)
1005'	"	1112'	- grey marl
1112'			- hard band 1'
1193'			- hard band 1'
1193'	"	1264'	- marl dark micaceous
1264'			- hard band 1'
1273'			- " " 8"
1293'			- " " 10"
1355'			- " " 6"
1355'	to	1387'	- micaceous marl
1387'	"	1418'	- glauconite hard and soft bands
Artesian water struck at 1414'			
1418'	to	1444'	- sandstone
1444'	"	1448'	- marl sandy, micaceous
1448'	"	1472'	- sand brown
1472'			- metamorphic schist

Above details copies from Departmental log prepared by Mines Department.

No further particulars. ABANDONED.

(Copy of Log)

KALINHA OIL COMPANY - No. 1. BORE - 1472' - HIGHY ISLAND. (Highy Island)

Elevation 10'.

Surface to 30' - sandy.

30'	to	140'	- sand rock, shells, grey glauconitic rich in shells, granular.
140'	"	331'	- Do. and limestone, polycoal, white
331'	"	1005'	- limestone, grey, granular and glauconitic marl, polycoal, limestone hard shelly bands limestone, granular, pyritic, glauconitic. (all alternating)
1005'	"	1112'	- grey marl
1112'			- hard band 1'
1193'			- hard band 1'
1193'	"	1264'	- marl dark micaceous
1264'			- hard band 1'
1273'			- " " 8"
1293'			- " " 10"
1355'			- " " 6"
1355'	to	1387'	- micaceous marl
1387'	"	1418'	- glauconite hard and soft bands
artesian water struck at 1414'			
1418'	to	1444'	- sandstone
1444'	"	1448'	- marl sandy, micaceous
1448'	"	1472'	- sand brown
1472'			- metamorphic schist

Above details copies from Departmental log prepared by
Mining Department.

No further particulars. ASANTOBER.

(Copy of Log)

KALINHA OIL COMPANY - No. 1. HOLE - TAKEN WITH LOG. (High Island)

Elevation 10'.

Surface to 30' - sandy.

- 30' to 140' - sand rock, shells, grey glauconite rich in shells, granular.
- 140' " 331' - Co. and limestone, polycol. white
- 331' " 1005' - limestone, grey, granular and glauconitic marl, polycol. limestone hard shelly bands limestone, granular, pyritic, glauconitic. (alternating)
- 1005' " 1112' - grey marl } grey marl alternating
- 1112' " " - hard band 1' }
- 1193' " " - hard band 1' }
- 1193' " 1244' - marl dark micaceous
- 1244' " " - hard band 1' }
- 1273' " " - " " 3" }
- 1293' " " - " " 10" }
- 1355' " " - " " 6" }
- 1355' to 1387' - micaceous marl
- 1387' " 1415' - glauconite hard and soft bands
- Artesian water struck at 1415'
- 1415' to 1444' - sandstone
- 1444' " 1448' - marl sandy, micaceous
- 1448' " 1472' - sand brown
- 1472' " " - metamorphic schist

Above details copied from Departmental log prepared by Mine Department.

No further particulars. ABANDONED.

(Copy of Log)

WISBY ISLAND, GREENLAND - No. 1. 1937 - 1938. (WISBY ISLAND)

Elevation 10'.

Surface to 30' - sandy.

- 30' to 140' - sand rock, shells, grey glauconitic rich in shells, granular.
- 140' " 311' - Do. and limestone, polycol., white
- 311' " 1005' - limestone, grey, granular and glauconitic marl, polycol., limestone hard shelly bands limestone, granular, pyritic, glauconitic. (alternating)
- 1005' " 1112' - grey marl } grey marl alternating
- 1112' " " } hard band 1'
- 1193' " " } hard band 1'
- 1193' " 1264' - marl dark micaceous
- 1264' " " } hard band 1'
- 1275' " " } " " 5'
- 1295' " " } micaceous marl alternating
- 1355' " " } " " 6'
- 1355' to 1387' - micaceous marl
- 1387' " 1414' - glauconitic hard and soft bands
- Arctic water struck at 1414'
- 1418' to 1444' - sandstone
- 1444' " 1448' - marl sandy, micaceous
- 1448' " 1472' - sand brown
- 1472' " " - micaceous shales

Above details copies from Departmental log prepared by Mine Department.

No further particulars. ARNDT

palaeontologist and staff for the interest taken in the work, without which assistance much of the scientific data would be missing.

Kalimna Co No 1
The Kalimna bore (No. 4, parish of Colacuhoun, on Rigby Island, was commenced in September and is now down 1100 feet. 1929

The Metung bore, Point Addis Company, No. 1, parish of Bumberrah, on the shore of Bancroft Bay, was commenced in June and is now down 1350 feet. 1929

The No. 1 bore, parish of Boole Poole, Pelican Point, is now down 300 feet.

The early boring on the Sale-Longford road has, by @@ palaeontological work, now been correlated with the Lakes Entrance bore and in light of later work, more boring is necessary to complete the sections. This work is now in progress from Longford southerly and also northerly from Woodside. Two bores are going down, the former at Longford @@ has reached a depth of 450 feet and the Darriman bore a depth of 1000 feet.

Samples of core from those bores are now being examined. From a preliminary palaeontological examination the limestone strata exposed on the surface at Longford and from a depth of 200 feet at Woodside correlate with those at about 800 feet at Lakes Entrance No. 3 bore, but further research on this point is necessary."

*W. Baragwanath
Sept 1929*

From the @@@ "Argus", 21/10/29 -

"Continuing his inspection of oil bores in the Gippsland Lakes district, the Minister for Mines (Mr. Chandler) who is accompanied by the secretary (Mr. Merrin) the director of geological survey (Mr. Baragwanath) and the engineer of his department (Mr. Binney), visited the Kalimna Oil Company's bore on Rigby Island yesterday. Operations at this bore were begun on August 27, and it has now reached a depth of 1,100 feet. The average sinking has been 30 feet a day. The indications are practically the same as those at the No. 3 bore on the North Arm at Lakes Entrance.

Mr. Baragwanath expressed the hope that the stratum at this point would thicken and said that although the bore was less than two miles from the No. 3 bore, there were no indications of the oil found there having migrated. Mr. Chandler said that he was satisfied that the indications of the presence of oil in the Gippsland Lakes district were the most hopeful in Australia, not excluding Roma. The Ministry intended to encourage prospecting as much as possible. Nowhere else in Australia had crude oil been found. One could not be other than satisfied with the prospects. The companies operating in the district were doing excellent work, especially at Rigby Island and the department was determined to get down to the oil which might not be present in large quantities but nevertheless, was there. Most of the bores were experimental and the country would be tested for 60 or 70 miles

Mr. Chandler explained that the plant which had been hired to the Kalimna Oil Co. had been idle in the Mines department stores, but the Minister had agreed to make money available so that it could be put into use. It was realised that oil would never be found unless a search was made for it.

The bore at Metung which is being sunk by the Point Addis Oil Company, was next ~~pro~~pected. This bore has been put down 1,330 feet. Mr. Chandler and party were the guests of the manager of the Point Addis Oil Company at dinner, and afterwards left for Longford."

pected

From Baragwanath 1947

KALIMNA No. 1

BASAL TERTIARY SECTION.

Down to 1387 ft. : - glauc. micaceous sandy marl
- F.U.S

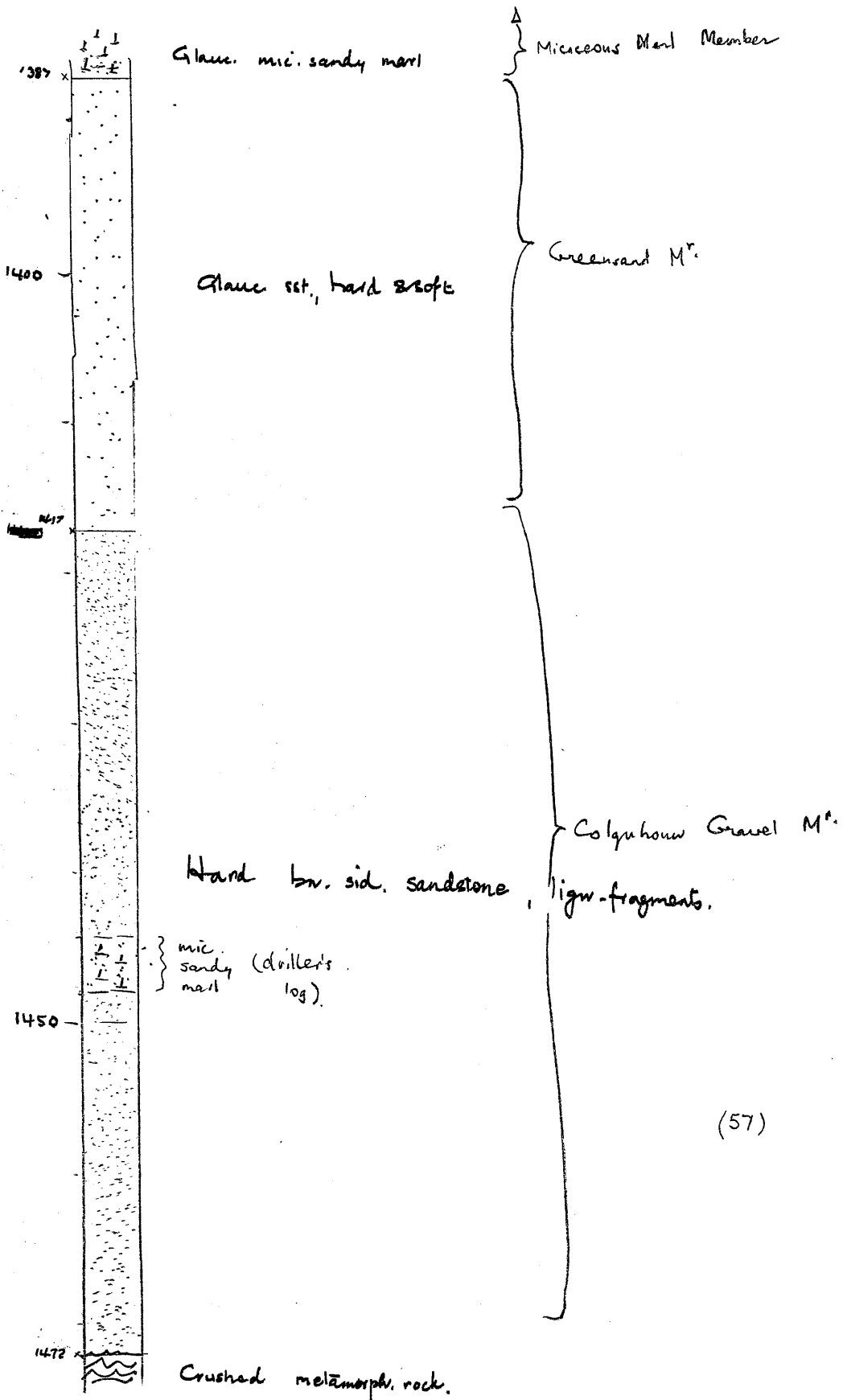
1387 - 1417 : green glauc. sandstone

1417 - 1472 : hard brown sideritic sandstone, glauc. rare,
fragments of br. coal; sandy mic. marl at 1444-48
ft. - driller's log.

1472 - : ^{low-grade} metamorphic basement. (Ordovician)

B. Hocking
Vict. Geol. Survey

KALIMNA NO. 1



(57)

For B.O.C. of Aust. Ltd.:

NOTES ON BASAL TERTIARY SANDS, KALINNA 1 CORE, GIPPSLAND

Greensand Member (Lakes Entrance Formation), 1387-1418 ft.:

Hard and soft glauconitic "sandstone" [generally a sandy mudstone or very muddy sandstone] with quartz, limonite pellets, mica and some forams.

Colquhoun Gravel Member (L.E.F.), 1418-1472 ft.:

Hard and tight, dark fawn colored, sideritic fine-grained quartz sandstone with some coal fragments, also some shell fragments.

Ordovician bedrock, 1472-1473 ft. (T.D.).

Elevation: 4 ft.

References.

Mines Dept. Boring Records, 1:28, p.89 (published)

F.A. Chapman Unpublished report 61 (open file)

20th October 1969

J.B. HOCKING,

Geologist,
Sedimentary Basin Studies
Section,
Geological Survey of Victoria

3) Stratigraphic Logs

PE602075

This is an enclosure indicator page.
The enclosure PE602075 is enclosed within the
container PE906019 at this location in this
document.

The enclosure PE602075 has the following characteristics:

ITEM_BARCODE = PE602075
CONTAINER_BARCODE = PE906019
NAME = Lithological Log
BASIN = GIPPSLAND
PERMIT =
TYPE = WELL
SUBTYPE = WELL_LOG
DESCRIPTION = Lithological Log (original copy) for
Scout Boring Bore No 1 Kalimna, Lakes
Entrance District
REMARKS =
DATE_CREATED =
DATE_RECEIVED =
W_NO = W373
WELL_NAME = Kalimna-2
CONTRACTOR = Kalimna Oil Co
CLIENT_OP_CO = Kalimna Oil Co

(Inserted by DNRE - Vic Govt Mines Dept)