

WELL SUMMARY

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# WELL SUMMARY KALIMNA-1 (W372)

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Contents...

1) Well card

2) Lithology

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3) Stratigraphic Logs



#### 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)

Lithology 2,

W372 let. Boring Kenneds 1424 p.117.

Kalemina la MSI I / Bm . Year 1929

### PARISH OF COLQUHOUN.

117

. . 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.

Surface level, 3.6	ieet.			
·	Thick	neus	Dop stri	ick
- Strata.	ft.	in.	ft.	in.
Clay, sandy	30	0	0	0
Sand, rock, with shells, grey,				
glauconitic	110	0	30	0
Sand male wish in shalls growing		•	• •	-
Sand, rock, rich in shells, granu-	50	0	140	0
lar	40	ŏ	190	ŏ
Limestone, marly, grey, Polyzoal		-	230	0
Limestone, white, Polyzoal	101	0	200	. 0
Limestone, granular grey, glau-		~	0.0.1	~
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	<b>20</b>	0	655	0
Limestone, granular, pyritic,				
glauconite, grey, alternating				
with marls, laminated, and				
glauconitic	234	0	675	0 <sup>'</sup>
Timestone hand granular glau-	201	°.	010	v
Limestone, hard, granular, glau- conitic, Polyzoal	41	0	909	0
conitic, l'olyzoai	41	v	505	v
Marl, grey, glauconitic, with		^	050	•
pyrite, Polyzoal	55	0	950	
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 missesour	61	2	1,293	
Marl, dark, micaceous Hard band	ō	6	1,355	0
	31	6	1,355	
Marl, dark, micaceous	31	ŏ	1,387	Ő
Glauconite, hard and soft bands		-	1,001	-
Sandstone	26	0	1,418	0
Marl, sandy, micaceous	4	0	1,444	0
Sand, brown	24		1,448	0
Metamorphic schist	1	0	1,472	0
			·	
Depth bored		•	1,473	0
-				

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

Elevation 10'.

			· · · · · · · · · · · · · · · · · · ·
Surface t	o 30'	- sandy.	
30 *	to	140 *	- sand rock, shells, grey glauconite rich in shells, granular.
140'	11	331'	- Do. and limestone, polyzoal, white
331 '	<b>9</b>	1005'	<ul> <li>limestone, grey, granular and glauconitic marl, polyzoal, limestone hard shelly bands limestone, granular, pyritic, glauconitic. (all/alternating)</li> </ul>
1005*	11	1112 *	- grey marl ) grey marl alternating
1112	~		- hard band 1')
1193'			- herd band 1'
1193'	<b>f1</b>	1264 '	- marl dark micaceous
1264 '	-		- hard band 1'
1273'	•		_ " " 8" ) micaceous marl alternating
1293°			- " " 10" )
1355*			$-\tilde{u}$ $\tilde{u}$ $6\tilde{v}$
1355'	to	1387'	- micaceous marl
1387'	11	1418'	- glauconite hard and soft bands
Artesian	wate	r struck	at 1414'
1418'	to	1444 '	- sandstone
1444	11	1448'	- marl sandy, micaceous
1448'	ũ	1472'	- sand brown
1472 •	*	-	- metamorphic schist
~			

Above details copies from Departmental log prepared by Mines Department.

No further particulars. ABA

ABANDONED.

RALINEA DIL COMPANY - Fo.1. BORN - LANDO MUTE MON. (Bigby Island)

Elevation 10\*.

Surface	<b>1</b> 0 <b>*</b>	• condy.		
20 *	<b>to</b>	140*	-	oand rock, challs, grey clauconite rich in shalls, granular.
140 ·		331 *	3 <b>1</b> 4	Do. and limestone, polysosl, white
2.5 <b>€</b> 2.5 <b>€</b> 2.6 <b>€</b>	899 - 199 199		*	limontone, grey, granular and glauconitic mari, polymoni, limestone hard shelly donds limestone, granular, pyritic, glauconitic. ( <u>alkhiternating</u> )
1005	<b>1</b>		423	
<b>X</b> *	¢.	a, saan saar sa		hard bond 1* )
			49#	
1193*			₩ĕ.	hard beau 1*
1193*	* 1	264 *	**	narl dark miconadous
1264 1			-	bard band 1* )
1273*			*	v es 337
1293*			14 pr	<ul> <li>* 10*</li> <li>* 10*</li> </ul>
1355			٠	* * 6*
1355*	<b>\$</b> 13	1387*	榆	mids coope mari
1307*	*	2428*	494	sinuronite berd and sort bunds
*rteslan	\$\$\$\$\$T	etruck	热馨	1414 *
1418*	80	1444*	**	· · · · · · · · · · · · · · · · · · ·
1444 *	¢	14431	**	muri annay, micancous
1448*	-	1472+		章出述者 · 全系 等編結
1472 •			*	watanorphia achist

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To further particulars. ARANTONER.

XIGINMA OIL COMPANY - We.l. NORY - IARME ENTRINCY. (Rigby Telend)
Xievation 10\*.
Surface to 30\* - sendy.
30\* to 140\* - send rock, shells, grey glouconite
rich in shells, granular.
140\* \* 331\* - De. and Limestone, polymool, white
331\* \* 1005\* - limestone, grey, granular and glocconitic
seri, polymool, limestone hard shelly

bonds limostone, granular, pyritic.

alauconitic. (allaltorusting) 1005+ 1112\* ulled well? grey mort alternating 1112\* hard band 1' , sint 1193\* hard band 1\* 1264\* awoourelm itun 1193\* 1266 \* hard band 1\* 嗽 1. 19 1273\* stonoous marl alternating 765 L 🖓 🧰 1293\* 6\* 1355\* 1387+ · mischerte wari 1355\* 象② 1387\* ē, t 14181 · slouconite hard and cort bands Artesian water struck of 1414. 1418\* 复杂旗卷 # ● 著於約公司集合編章 氰雜 复具嗅荡\* - marl enniy. midadeense 2444\* ÷; 1448\* 14721 • mand arown 1472\* · metamorphic schiet

Above details copies from Departmental log prepared by Mines Department.

We further particulars. ANAND-SED.

Surface to 30' - sendy. 30' to 140' - and rock, shells, grey gloudenite rick in shells, greaular. 140' 331' - Do. and linestone, polysool, white 331' 1005' - linestone, srey, granular and gloudenitic acri, polysool, linestone hard shelly bands linestone, granular, pyritic, gloudenitic. (alkhiternating) 1005' - 1112' - grey mark } 1112' - hard band 1' 1123' - hard band 1' 1193' - hard band 1' 1193' - hard band 1' 1193' - arri dark micadeous 1264' - bard band 1' 1273' - 1264' - wark dark micadeous 1264' - bard band 1' 1275' - 40' 1355' to 1367' - micadeous carl 1357' - 1413' - gloudenite hard and soft bands Arterian water struck at 141' 1418' to 1444' - suddiant	<u>zlevet</u> c	18 <b>1</b> 0*.			
<ul> <li>to 140' - cond rock, shells, grey glauconite rich in shells, greaular.</li> <li>140' 331' - De. and limestone, pulysonl, white</li> <li>331' De. and limestone, pulysonl, white</li> <li>331' 1005' - limestone, erey, granular and glauconitic mark, pulyson, limestone, bard shells bands limestone, granular, pyritic, glauconitic.</li> <li>1005' - lil?' - grey mark</li> <li>1005' - lil?' - grey mark</li> <li>1103' - hard band l'</li> <li>1103' - hard band l'</li> <li>1103' - hard band l'</li> <li>1264' - hard band l'</li> <li>1273' - grey ark dark micheous</li> <li>1264' - hard band l'</li> <li>1273' - grey ark dark micheous</li> <li>1255' to 1357' - micheous mark</li> <li>1355' to 1357' - micheous mark</li> <li>1357' - 1414' - glauconite hard and soft bands</li> <li>Artepien water struck at 1414'</li> </ul>	understanding of the owner of the set				
<ul> <li>30: to 140: - end rock, shells, grey glauconite rich in shells, greaular.</li> <li>140: 331: - Da. and limestone, pulyscal, white</li> <li>331: 1005: - limestone, grey, graublar and glauconitie mark, polyscal, limestone hard shelly brads limestone, graublar, pyritie, glauconitic.</li> <li>1005: * 112: - grey mark   grey mark alternating</li> <li>1005: * 112: - grey mark   grey mark alternating</li> <li>1103: * 1264: - mark sicadeous</li> <li>1264: - hard band 1: 1273: * 1264: - mark sicadeous</li> <li>1264: - hard band 1: 1273: * 1264: - mark sicadeous</li> <li>1255: to 1387: - microscous mark</li> <li>1355: to 1387: - microscous mark</li> <li>1367: * 1419: - glauconite hard and soft bands</li> <li>Artepien water struck at 1414:</li> </ul>		ar when when at		ана станция и станци Хама станция и станция	
rich in shells, granular. 140. * 331. • Do. and limestone, polysonl, white 151. * 1005. • livestone, ersy, granular and glauconitio merl, polysonl, livestone hard shelly Undel limestone, granular, pyritic, glauconitic. (alkhiternating) 1005. * 1112. • groy marl ) 1103. • hard band 1. ) 1103. • hard band 1. 1103. • hard band 1. 1103. • 1264. • sarl dark mionecous 1264. • hard band 1. 1273. • • • 5° 1355. • • 1357. • • • 5° 1355. • • 1357. • • • • • • • 1357. • • • • • • • • • • • • • • • • • • •		\$\$ <u>3</u> 0*			
111 * 1005* - Livestone, srey, granular and glaucomitic worl, polyssel, livestone hard shelly bands limestone, granular, pyritic, glaucomitic. (alkiternating) 1005* * LILE* - grey mari   srey mari alternating 112* - hard band l* 1193* - hard band l* 1193* - hard band l* 1193* - hard band l* 1254* - hard band l* 1254* - hard band l* 1273* - 1264* - mari dark micaceous 1273* - * 8* 1293* - * 10* 1355* to 1387* - micuceous mari 1357* to 1387* - micuceous mari 1357* * 141** - glaucenite hard and moft bands Arterian water struck at 1414*		\$ <b>\$</b>	<b>氯磷衍 *</b>	- end rock, shells, grey gloucester rich in shells, granular.	
<pre>nerl, polyzeal, livestone hard shelly bonds limestone, granhiar, pyritic, glaucouitic. (alkalternating) 1005' " 1112' - grey mark alternating 1112' - hard band 1' ) 1103' " 1264' - mark dend 1' 1273' - hard band 1' 1355' - hard band 1' 1355' - hard band and soft bands Artepien water struck at 1414'</pre>	1401	@	*	● 25日 = 16日 芦苇江的云岩的松根 当时芦苇云白刀芋。 向部常常的	
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1112*       - hard band 1*         1193*       - hard band 1*         1273*       - hard band 1*         1275*       - hard band 1*         1355*       - microsous sari         1355*       - microsous sari         1357*       - sisuconite hard and soft bands         Arteoleu water struck of 1414*	造 化硫酸 郡 曹	較	李建宫鹅 \$		2 - <sup>2</sup> -
<ul> <li>bard band 1.*</li> <li>1103.* 1264.* - marl dark micadeous</li> <li>1264.* - hard band 1.*</li> <li>1273.* - * * * * * * * * * * * * * * * * * *</li></ul>			<b>A.</b> A. <b>A</b> . <b>A</b> .	) stor marl alternating	
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1264. hard band 1. 1273	1193			* hare dand 1	
1273* 1293* 1293* 1355* 1355* 1355* 1355* 1355* 1357* 1414* 1414* 1414* 1414* 1414* 1414* 1414* 1414* 1414* 1414* 1414* 1414*	\$100.7*	*	1264*	· churi duri mischuschus	
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	1418*	£.0	1444*	★ 接接路台指带站接带	
1444 · · · · · · · · · · · · · · · · · ·		۵¢	1043	▲ 消怒至了 察台接了反。 额掌电弹电弹机电	

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Above details copies from Separtrental log prepared by Mines Separtment.

· BRIA DEORG

To further particulars. APANTO MED.

1672\*

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palaeontologist and staff for the interest taken in the work, without which assistance much of the scientific data would be missing.  $= K_0 / m_0 C_0 N_0 / C_0$ 

The Kalimna bore No. 4, parish of Colguhoun, 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 1929 and is now down 1350 feet.

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

W372

From the 200 "Argus", 21/10/29 -

spected

"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 <u>Kalimna Oil Company's bore on Rigby</u> <u>Island yesterday</u>. 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 prospected. This bore has been put down 1,330 feet. Mr. Chandler and party whre the guests of the manager of the Point Addis Oil Company at dinner, and afterwards left for Longford.".

- 557-

From Barage anath 194

No.1 KALIMNA TERTIARY SECTION Down to 1387 ft. - glauc. micaceous sandy marl - FUS 1387-1417 : green glauc, sandstone : hard brown sideritic sandstone, glanc. rare, fragments of tw. coal; sandy mic. narl at 1444-48 ft. - driller's log. 1417 - 1472 low-grade : metamorphic basement. (Ordoviciain) 1472-B. Hocking Vict. Geol Survey



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

### NOTES ON BALAY TEATLARY SANDS, RAIIMNA 1 BORE, GIPPSLAND

Greensand Nember (Lakes Entrance Formation), 1387-1418 ft.: Nard and soft glauconitic "sa dstone" [generally a sandy mudstone or very muddy sandstone] with quartz, limonite pellets mica and some forams

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

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

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

Elevation: 4 ft.

References.

Mines Dept. Boring Records, 1:28, p.89 (published) F.A. Chapman Unpublished weport 61 (open file)

20th October 1969

.B. HOCKING

Geologist, Sedirentary Basin Studies Section, Geological Survey of Victora

Stratigraphic Logs 3)

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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 = WELLSUBTYPE = WELL\_LOG DESCRIPTION = Lithological Log (original copy) for Scout Boring Bore No 1 Kalimna, Lakes Entrance District REMARKS = DATE CREATED = DATE RECEIVED =  $W_{\rm MO} = W373$ WELL\_NAME = Kalimna-2 CONTRACTOR = Kalimna Oil Co CLIENT\_OP\_CO = Kalimna Oil Co (Inserted by DNRE - Vic Govt Mines Dept)