

PE903967

This is an enclosure indicator page.
The enclosure PE903967 is enclosed within the
container PE903966 at this location in this
document.

The enclosure PE903967 has the following characteristics:

ITEM_BARCODE = PE903967
CONTAINER_BARCODE = PE903966
 NAME = Boola Boola 1 Well Card
 BASIN = GIPPSLAND
 PERMIT =
 TYPE = WELL
 SUBTYPE = WELL_CARD
 DESCRIPTION = Boola Boola 1 Well Card
 REMARKS =
 DATE_CREATED =
 DATE_RECEIVED =
 W_NO = W334
 WELL_NAME = Boola Boola-1
 CONTRACTOR = Boola Boola Petroleum & Natural Gas
 Company
 CLIENT_OP_CO = Boola Boola Petroleum & Natural Gas
 Company

(Inserted by DNRE - Vic Govt Mines Dept)

Ref. WB.95

Boola Boola Petroleum & Natural Gas Co. N.L.

Plant: Imperial Percussion.

Allot. 144^J. Parish Toongabbie South.

Week ending.	Depth.	
5.10.21.	at 105'	Clays, coarse gravel sand, streaks brown coal.
	160'	Gravel and conglomerate, very hard.
	182'	Conglomerate, coarse gravel and streak puggy clay.
	190'-320'	Brown coal and lignite.
	405'	" " " "
	445'	" " " "
	535'	Clay and streaks of brown coal. Good gas indications at 450'.
	640'	Sticky clay and brown coal.
	629'	Clay, streaks of brown coal and bituminous material. Gas pockets have been met.
	795'	Fine sand and small bands brown coal. Water.
	797'	Clay and brown coal.
	820'	Brown shale, grey and white clay.
	865'	Brown coal and clay, good show of gas.
916'	Clay and streaks of brown coal.	
950'	Grey clay.	
1027'	Sticky impervious clay.	
24.11.21.	1056'	" grey clay.
	1085'	" " "
	1092'	" " "
	1125'	" clay and black carbonaceous material.
	1146'	Sticky clay and black carbonaceous material.
	1190'	Black sticky clay, carbonaceous material
	1207'	Brown sticky clay.
	1210'	Black carbonaceous material.
	1245'	" " " and sticky brown clay.
	1300'	Dark sticky carbonaceous clay.
	1370'	Black carbonaceous material. Heavy gas, pressure highly inflammable from 1350' onward.
1430'	Brown coal, carbonaceous clay.	

Oil film noted when handling casing 950'.

Boola Boola Petroleum & Natural Gas Company.

Week Ending.	Depth.	
17.1.25.	1550'	Brown coal and ligneous material. Having trouble with sand.
	1580'	Brown coal and sand.
	1610'	" " clay and sand.
	1630'	Brown coal and clay.
	1640'	" " " "
	1680'	" " " " casing slightly.
	1741'	Struck heavy sand with gas and water. Oil film showing freely.
	1755'	Sand.
	1780'	Struck very hot water and sand at 350,000 g.p.h.
	1784'	Temp. 147°.
	1806'	Sand and water.
1810'	Formation changing. Gravel becoming very fine.	
1830'	Clay and gravel. Water not shut off.	
22.8.25.		Deepening of bore abandoned.

Lab Report 1925

BOOLA BOOLA BORE

Depth 1780' 350,000 gals/day

CaCO₃ 2.3 grains/gall

MgCO₃ Trace

Na₂CO₃ 7.9 grains/gall

Na₂SO₄ 0.4 " /gall

NaCl 11.6 " /gall

Insoluble 0.5 " /gall

Total Solid 22.7 " /gall.

BOOLA BOOLA OIL BORE

<u>Strata</u>	<u>Thickness</u>		<u>Depth Struck</u>	
	ft.	in.	ft.	in.
Surface clay, coarse gravel and sand	105	0	0	0
Conglomerate, coarse gravel and clay	77	0	105	0
Brown coal and timber	353	0	182	0
Clay and streaks of brown coal	38	0	535	0
Clay with small seam brown coal	56	0	573	0
Sand, fine, with small seams brown coal	166	0	629	0
Brown shale and grey and white clay	25	0	795	0
Brown coal and clay	130	0	820	0
Grey clay	10	0	950	0
Brown coal and clay	40	0	960	0
Sticky grey clay	86	0	1000	0
Sticky clay and carbonaceous material	284	0	1086	0
Brown coal and carbonaceous clay	371	0	1370	0
Sand	43	0	1741	0
Coarse gravel containing iron pyrites	46	0	1784	0
Total depth			1830	0

At 1780 ft. Water Temperature 147° flowing at
350,000 gallons daily.

To comply with the conditions of the Commonwealth Government bonus, the company, which was successfully floated, furnished regularly a copy of the boring logs. These are as follows:-

BOCLA BOCLA PETROLEUM AND NATURAL GAS CO. N.L.

TERRALTON, Victoria.

Boring with an Imperial Percussion Plant; Location - Allotment 144 J, Parish of Toongabbie South, Parish of Tanjil, County

<u>Date:</u> <u>Week Ending</u> -	<u>Total</u> <u>Depth:</u>	<u>C a s i n g:</u>	<u>Formation:</u>
Oct. 5, 1921	.... 105'	..10" to 23'1½"	..Clays, coarse gravel sand, streaks of brown coal.
12	.... 160'	.. " " 151'3½"	..Gravel and conglomerate, very hard.
19	.... 182'	.. " " 179'2"	..Conglomerate, coarse gravel and streaks of fuzzy clay.
26	..320' 320'	.. " " 297'8½"	.. Clay and streaks of brown coal. from 160' to 320' Brown coal and lignite.
Nov. 2	.... 405'	.. " "	..Brown coal and lignite.
Fortnight ending 16	.... 445'	.. " " 408'	..Brown coal.
Dec. 7	.... 535'	..10" to 408' 8" to 530'	..Clay and streaks of brown coal. Good gas indications at 450'.

See 3/30 ex W. Barnard (447) 95

Boola Boala Oil Bore Log

DAS
(to follow p 5729)

<u>Week Ending:</u>	<u>Total Depth:</u>	<u>Casing:</u>	<u>Remarks:</u>
25th Jan. 1922		10" casing to 333'	Shut down owing to drilling mud breaking in well.
18 Jan. 1922		10" casing to 573', all 8" casing having been removed owing to "big gas and sand pressure." Will endeavour collect sample of gas for analysis.	
17 Feb. 1922	640'	10" casing to 598'	Sticky clay and brown coal.
15 Mar. 1922	623'		Clay, streaks of brown coal and bituminous material. Gas pockets have been met.
22 Mar. 1922	639'	Fishing for 8" casing.	
5 Apr. 1922	629'	Getting ready to work 10" casing down.	
12 Apr.	795'	10" casing to 694'	Fine sand and small bands brown coal.
26 Apr.	795'	Cleaning out sand and driving 10" casing. Mud and water coming in 150' to 200' at a time.	
3rd May	795'	Cleaning out sand and driving 10" casing.	
17 May	795'	Driving 10" casing; cleaning out sand. Hope to have same shut off soon.	
24 May	795'	Still driving 10" casing and cleaning out sand.	
31 May	795'	Sand shut off, still about 65' to clean out.	
7 June		Cleaning outavings. Clay and brown coal coming in bore.	
21 June		Sand at last shut off with 10" casing. 700' 10" casing landed, 729' 8" casing inserted. Formation clay and brown coal.	
28 June	707'		Formation clay and brown coal. Water shut off in 8" casing.

ex W. Baragwanath 1927. 116

See B 546

<u>Date</u>	<u>Well</u>	<u>Depth:</u>	<u>Casing:</u>	<u>Formation:</u>
5 July, 1922		830'	8" casing to 811'	Brown shale, gray and white clay.
13 July		865'	8" casing to 844'	Brown coal and clay, good show of gas.
29 July		916'	8" casing to 901'	Clay and streaks of brown coal. Delayed four days cleaning out 250' of sand. Sand and water not shut off.
30 July		950'	8" casing to 902'	Grey clay.
August			Operations now in charge J. R. Gleyson, experienced oil well driller. Removing 8" casing to enable 10" casing to be set to 1,000 feet.	
25 August			Releasing and removing 8" casing.	
1 September			Good progress made with removal of casing. Gas pressure in well, highly explosive. Samples being analysed. Good film of oil on water in well. Samples taken for analysis.	
9 September			Satisfactory progress being made with casing. Expect to land 10" casing next week.	
15 September			Work with casing progressing.	
22 September			Progress with casing maintained.	
29 September			Casing still causing delay in removal.	
7 October			Still working on casing.	
14 October			Casing proving very troublesome.	
21 October			Dr. K. R. Moure appointed to take charge company's plant. Local paper reports true petroleum oil discovered in Eyer's Hills, close to company's bore, and that discoverer has pegged out 1,000 acres and made application to Mines Department for \$100 to sink a trial shaft. Reported that sandstone submitted to action of ether liquid yielded oil. (This refers to a discovery by Mr. Hubert Kelly, M.A., LL.B. on page 2.)	
23 October			Plant overhauled. Fishing for 6" and 8" casing.	
3 November			Commenced fishing to remove 8" casing. Progress maintained.	
17 November			Still working on casing. Effort so far unsuccessful.	
24 November			Efforts to remove casing under existing conditions have all failed. Plant shut down until February to await arrival of 12" casing to be used to overream the well. Drilling crew paid off.	

See p 143

LOG OF BOOLA BOOLA, Contd. from P 111

Work ending 30th August, 1924:

Depth of bore, 1027' .. in sticky impervious clay. 6" casing successfully set.

6th September, 1924:

Depth of well, 1055', sticky grey clay.

15th September, 1924:

Depth, 1085', sticky grey clay.

17th September, 1924:

Cementing of well completed. Drilled @ 5 ft. below casing.

20th and 27th September:

Repairing boiler.

27th September, 1924:

Depth, 1092', sticky grey clay.

4th October, 1924:

Depth 1125', sticky clay and black carbonaceous material.

10th October:

Depth, 1146', sticky clay, black carbonaceous material.

25th October:

Depth, 1190', black sticky clay, carbonaceous material.

1st November:

1207', brown sticky clay. Drilling suspended to enable 12 1/2" over reaming casing to be withdrawn from well.

8th November:

12 1/2" casing being successfully removed. Gas pressure in the bore.

15th November:

Removing casing.

26th November:

12 1/2" casing successfully removed without loss. Drilling resumed.

Depth, 1210', black carbonaceous material.

28th November:

Depth, 1245', black carbonaceous material and sticky brown clay.

1st December:

Depth, 1300' dark sticky carbonaceous clay.

13th December Depth, 1370', black carbonaceous material. Heavy gas pressure highly inflammable from 1350 feet onwards.

20th December 1924. Depth, 1430', brown coal, carbonaceous clay.

See P 546

Bore continued to 1780' where no ground artesian water 35,000 gpd. Temp 147.0 F.

NO. 195.

6th June, 1946.

Log of Boola Boola Petroleum and Natural Gas Company.

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su P116
p143

<u>Week Ending:</u>	<u>Depth:</u>	<u>Strata Passed through.</u>
17/1/25	1550 ft.	Brown coal and ligneous material Having trouble with sand.
24/1/25	1580 ft.	Brown coal and sand.
31/1/25	1610 ft.	Brown coal clay and sand
7/2/25	1630 ft.	Brown coal and clay
14/2/25	1640 ft.	Brown coal and clay
21/2/25	1680 ft.	Brown coal and clay, caving slightly
28/2/25	1741 ft.	Struck heavy sand with gas and water. oil film showing freely.
7/3/25		Week spent loosening casing, now in good order to full depth.
21/3/25		"
28/3/25	1755 ft.	Sand, casing free.
4/4/25	1780 ft.	Struck very hot water and sand.
17/4/25	1780 ft.	350,000 gallons hot water still flowing daily. Analysis proves water to be excellent for irrigation stock and household purposes.
24/4/25	1784 ft.	Casing Casing driven 4 feet into "river bed", heavy flow of hot water still coming up with considerable gravel. Temp 147
9/5/25	1806 ft.	Casing driven through 26 feet of river bed not through same yet. Hot water still flowing strongly.
16/5/25	1810 ft.	Formation changing. Gravel becoming very fine.
23/5/25	1830 ft.	Clay and gravel. water not yet shut off. Consulting with Mr. Lyne.
30/5/25		Drilling resumed on advice of Mr. H.S. Lyne.
4/7/25		Honorable S. Barnes and Mr. Baragwanat inspecting bore Tuesday 7th, prelimin ary to consideration of application for Govt. assistance to continue operations.
25/7/25		As result of Mines Dept. inspection of 7th. instant, Govt. has allotted £150 for deepening bore. Work to be carried out by Gleeson & Bilson. Operations to recommence 7th August. Assistant Engineer for Boring will be present on behalf of Government.
8/8/25		Bore cleaned out to bottom. Water broken in again.
22/8/25		Deepening of bore abandoned by Govt. owing heavy expense of additional casing and tools. Drilling Engineer now engaged removing 6 inch casing.

TAWANTIN PETROLEUM COMPANY N.L.

In December 1924 this company secured a lease near Nelson
close to South Australian Oil Wells Company bore. ---

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