

Natural Resources and Environment

AGRICULTURE • RESOURCES • CONSERVATION • LAND MANAGEMENT

BOOLA BOOLA W334



ELEMENTARY FOLDER.

WELL COMPLETION Folio No

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 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 releast foliographs.
- (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).

REGISTRY MUST BE NOTIFIED OF ANY FILE MOVEMENTS BETWEEN OFFICERS

EARLIER FILES		LATER FILES		RECORDS DISPOSITION	
	RE	LEVAN	T FILES		
File No.			Subject		
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	SYMBOLS	FOR AC	TION OFFICEI	RS	
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EXECUTIVE			PERFORMANCE	FVALUATION	
Secretary		SEC	Chief Economist	LVALOATION	CE
Deputy Secretary Executive Director Portfolio Mana	•	DS EDPM	Manager Internal Audit Manager Strategic Qua		MIARMP MSQA
Executive Director Performance E Executive Director Primary Indus	tries and Chief Scientist	EDPE EDPI,CS	CATCHMENT M	GT & SUSTAINABLE	
Executive Director Minerals and F	Petroleum	EDCMSA EDMP	AGRICULTURE		
Executive Director Forests Service Executive Director Parks, Flora a	-	EDFS EDPF	Program Manager Pest Director Catchment & V	Vater Resources	PMPPA DCWR
Executive Director Land Victoria Executive Director Regional Serv	ices	EDLV EDRS	Director Sustainable De Director Office of Rural	Affairs	DSD DORA
CORPORATE MANAGE	EMENT		Director Natural Resou	•	DNRP
General Manager Corporate Services Chief Finance Officer		GMCS CFNO	Manager Commercial F		MCF
Manager Information Technology Strategies Director Capital Policy		MITS DCP	Chief Fire Officer Manager Forest Manag	ement	CFO MFM
Director Human Resources Director Planning & Budget		DHR DPB	Manager Regional Fore	ests Agreements	MRFA
Director Information Technology & Director Business Reform	& Telecommunications	DITT DBR	PARKS, FLORA		
Manager Business Improvement Manager Administrative Policy &	Procedures	MBI MAPP		nagement Parks, Flora & Fauna	MPR MBMPFF
Manager Metropolitan Administra Manager Corporate Communicati	ons & Information	MMAO MCCI	Manager Flora & Fauna Manager Coasts & Port		MFF MCP
Manager Electronic Information S Manager Library & Information Se		MEIS MLIS	LAND VICTORIA	4	
MINERALS AND PETRO	OLEUM		Director Geospatial Info Director Resources & F		DGI DRR
Manager Petroleum Development Manager Geological Survey Victoria		MPD MGSV	Surveyor General Valuer General		SG VG
Manager Mineral & Petroleum Op Manager Minerals Development		MMPO MMD	Director Land Registry Director Crown Land M	anagement	DLR DCLM
Manager Extractive Industries Manager Minerals & Petroleum T	itles	MEI MMPT	PORTFOLIO MA	_	502
PRIMARY INDUSTRIES			Director Water Agencie	es	DWA
SCIENTIST			Manager Portfolio Coor Manager Environmenta	l Policy	MPC MEP
Manager Chemical Standards Bra Manager Plant Standards	anch	MCSB MPS	Manager Policy Suppor Director Media	rt	MPOS DM
Chief Veterinary Officer Director Bureau of Animal Welfare		CVO DBAW			
Director Fisheries Director Quality Assurance		DF DQA			
Director Agribusiness		DA			

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)

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

Plant: Imper*ial Percussion.

Allot. 1447. 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.
19	90'-320'	Brown coal and lignite.
	405 '	H H H H
	445 '	rt tt tt tt
	535	Clay and streaks of brown coal. Good gas indications at 450'.
10" long to 700'10"	640 '	Sticky clay and brown coal.
8" long to 902'	629 '	Clay, streaks of brown coal and bituminous material. Gas pockets have been met.
6" * to 1027'	795 '	Fine sand and small bands brown coal. Water.
	797'	Clay and brown coal.
	8 20'	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'	11 11 11
	1092	11 11 11
	1125'	" clay and black carbonaceous material.
	1146'	Sticky clay and black carbonaceous material.
	1190 '	Black sticky clay, carbonaceous muterial
	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.	
week middle	2000011	
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	11 11 11
	1680 '	" " " caling 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. 1470.
	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.

BOOLA BOOLA BORE

Depth 1780'	350,000 gals/day
CaCO ₃	2.3 grains/gall
MgCO ₃	Trace
Na ₂ CO ₃	7.9 grains/gall
Na ₂ SO ₄	0.4 " /gall
Nall	11.6 " /gall
Insoluble	0.5 " /gall
Total Solid	22.7 " /gall.

BOOLA BOOLA OIL BORE

<u>Strata</u>	Thickr ft.	in.	Depth S	truck in.
Surface clay, coarse grave Vand 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	O
Clay with small seam brown coal	56	0	573	0
Sand, fine, with small seams brown coal	1 166	O	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 1470 flowing at 350,000 gallons daily.

To comply with the conditions of the Commonwealth Sovernment bonus, the company which was successfully floated, furnished regularly a copy of the boring logs. These are as follows:-BOOLA BOOLA PETROLEUS AND MATURAL GAS CO. H.L. Boring with an Imperial Percussion Plant; Location - Allowment 144 J, Parish of Toongabbie South, Parish of Tangil. Total /sek Ending -Denth: Casing: Formation: Oct. 5, 1921 105' ..10" to 33'12". Glays, coarse gravel sand, strasks of brown enel. 13 160 h. . " · "151'5%". Gravel and conglomenate, very hard. 19 1881 .. 11 # 17912# .. Conglowerste, cosres gravel and streeks of gaggy play. 26 " 397'e;", Giordidal Passiron 190' 45 380' Brown goal and light .. \$2000ga .. " Hov. 2 •••• 405'; .. Brown coal and lignita. Fortnight ending •••• 445° •• 1 408 16

Dac. 7 ... 538° ..19° 00 400° . Oley and streets of brown 8" to 580' coal. Good gas indications at 4501.

. Brown cont.

See 3/30 ex W. Baragnand 1947. 95

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R	>00 la	Boola Oil Bore Los (to follow 9 5729)
Week Ending:,		iel ch: Casì : Romanha:
25th Jan. 1922)	10" casing to 393' Shut down owing to drilling and break-
18 Jan. 1922		10% casing to 575%, all 8% casing hav- ing been removed owing to "big gas and sami pressure," Will endeavour collect sample of gas for analysis.
		10" casing - 598' Sticky chay and brown coal.
15 Mar. 1922	629*	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.
13 Apr.	7951	10" casing to 694' Fine sand and small bands brown coal,
26 Apr.	795 °	Cleaning out sand and driving 10" casing. Grad 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
51 May	795°	Sand shut off, still about 65' to clean out.
7 June		Cleaning out cavings. Clay and brown coal coming in bore.
21 June		Sand at last shut off with C0 10" casing, 700' 10" casing Landed, 720', 6" casing inserted. Formation clay and brown coal.
28 June	7071	

28 June 707'

Formation clay and brown noul, Water shut off. in St casing.

See 8 546

,	· Total,	A man of
Lett Beding:	Depth: Casing:	Portonial Control
5 July, 1922	820°. 8" casing to 811° I	Brown shele, gray and white oluy.
18 July	865° E" casing to 344° I	Brown coal and clay, good show of Sac.
IS July	916° 8° casing to 901° (Oley and sweaks of brown coal. Delgod from Capp cleaning out 250° of sand. Sand and water not share off.
33 July	950° 8" casing to 902°	Grey clay.
fauguA	Operations how in charge J oil well driller. homovi 10" casing to be set to 1	ng 8" casing 70 shidha "
25 August	Releasing and removing 3%	casing.
1 September	Good progress mais with regas gas pressure in well, hi being analysed. Good fwell. Samples token fo	galy explosive. The hard to the
3 September	Satisfactory progress bain pect to land 10% casing m	ig made with casing. In- lext week.
15 September	Work with casing progress:	ing.
22 September	Progress with casing maint	
29 September	Casing still causing delay	y in removal.
7 October	Still working on casing.	
14 October	Casing proving very troub?	· ·
21 October	Dr. K. R. Moure oppointed plant. Local paper report discovered in Twen's Hill bore, and the covere acres and made application \$100 to sink a trial sandstone submitted to yielded oil. (This reference in the control of	rts true patroleum of the lis, close to company ser has pagged out 1,000 ion to Mines Department is action of ether liquid action of ether liquid a to a discovery by LL.B. on page
28 October	Plant overhauled. Fishi	
3 November	Commenced fishing to remomaintained.	
17 November	Still working on eneing. E	· ·
24 November	Efforts to remove easing under the dead failed. Plant so to awair arrival of 12" overream the well. Dri	that down until restrictly consing to be used to

LOG OF BOOLA BOOLA, CONTER for PHI

took anding 30th August, 1924:

Depth of bore, 1997 . In sticky impossions clay. G" caring

6th Settember, 1934;

Depth of well, 1056', sticky grey clay.

isth September, 1984:

Depth, 1085', sticky grey clay.

17th September, 1984:

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

80th and 27th September:

Repairing boiler.

87th September, 1924:

Depth, 1092', sticky grey clay.

4th October; 1984;

Depth 1125', sticky clay and black carbonaceous material.

10th October:

Depth, 1146', sticky clay, black carbonaceous material

asth October:

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

1st November:

1207', brown sticks clay. Drilling suspended to enable 121" over reaming casing to be withdrawn from well.

4. Eth Movember:

the bore.

15th November:

Removing casing.

26th Movember:

121 casing successfully removed without loss. Drilling resumed. Depth, 1210', black carbonaceous material.

asth November:

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

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Ith 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 clays.

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timed to 1780 where wip

Log of Boola Boola Petroleum and Natural Gas Company. PIIG

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Week Ending:	Dopth:	Strata Passed through.
17/1/25	1550 ft.	Brown coal and ligneous material Having trouble with sand.
24/1/25 31/1/25 7/2/25 14/2/25 21/2/25 28/2/25	1580 ft. 1610 ft. 1630 ft. 1640 ft. 1680 ft. 1741 ft.	Brown coal and sand. Brown coal clay and sand Brown coal and clay Brown coal and clay Brown coal and clay, caving slightly Struck heavy sand with gas and water.
7/3/25		oil film showing freely. Week spent loosening casing, now in good order to full depth.
21/3/25 28/3/25 4/4/25 17/4/25	1755 ft. 1780 ft. 1780 ft.	Sand, casing free. Struck very hot water and sand. 350,000 gallons hot water still flowing daily. Analysis proves water to be excellent for irrigation
24/4/25	1784 ft.	stock and household purposes. @@@@@@@@@Casing driven 4 feet into "river bed", heavy flow of hot water still coming up with considerable
9/5/25	1806 ft.	gravel. Temp 147 Casing driven through 26 feet of river bed hot 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
25/7/25		operations. 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
8/8/25		be present on behalf of Government. Bore cleaned out to bottom. Water
22/8/25		broken in again. 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. ---