

WELL ELEMENTARY
REPORT

SOUTH AUSTRALIAN OIL WELLS
COLQUHOUN-4
(W383)

PE904104

This is an enclosure indicator page.
The enclosure PE904104 is enclosed within the
container PE904100 at this location in this
document.

The enclosure PE904104 has the following characteristics:

ITEM_BARCODE = PE904104
CONTAINER_BARCODE = PE905095
NAME = well card
BASIN = OTWAY
PERMIT =
TYPE = WELL
SUBTYPE = WELL_CARD
DESCRIPTION = well card Sth Aust No 4
REMARKS =
DATE_CREATED =
DATE_RECEIVED =
W_NO = W383
WELL_NAME = Sth Aus No-4
CONTRACTOR = South Aust Oil Wells
CLIENT_OP_CO = South Aust Oil Wells

(Inserted by DNRE - Vic Govt Mines Dept)

Copy of Core Log
S. A. Oil No 4 Bore

W 383

Elevation 140 feet

135

- Surface to 50 feet Sandy yellow Clay
51' to 52' Hard Limestone
52' to 60' Sandy yellow Clay
60' to 70' Hard yellow Clay (Fossiliferous)
70' to 90' Sandy yellow Clay
90' to 294' blue grey Marl, with shell
water at 200 feet
294' to 360' Polygonal Lime, shelly
360' to 540' blue grey-Marl, shelly
Casing 8" set at 390'
540' to 541' shelly Polygonal fragments
541' to 624' blue grey Marl, slightly shelly
624' to 625' Polygonal fragments
630' water
625' to 660' fine soft fragments, greenish Marl
660' to 980' blue grey Marl
Inflammable Gas from 815' to 940'
980' to 1050' dark brown Sandy Clay
1050' to 1086' fine sand with Clay
1086' to 1086'6" ~~green calcareous Sandstone~~
1086'6" to 1107' dark tough Clay
1107' to 1123' Sandy Clay
1123' to 1123'6" Hard Limestone band
1123'6" to 1135' dark Clay, sandy
1135' to 1135'6" Hard Limestone band
1135'6" to 1143' Clay
1143' to 1143'6" Hard Limestone band
1143'6" to 1145' Clay
1145' to 1146' Hard Limestone band
1146' to 1160' Clay
1160' to 1160'2" Hard Limestone band
1160'2" to 1182' Clay
1182' to 1183' Hard Limestone band
1183' to 1185' Clay
1185' to 1185'6" Hard Limestone band
1185'6" to 1187' Clay
1187' to 1187'6" Hard Limestone band
1187'6" to 1202' Clay (Traces of oil)
1202' to 1203' Hard Limestone band
1203' to 1222' improved show of oil
Casing 6" set at 1225 feet
1222' Thin Hard Limestone band
1222' to 1255' Steamy Sand - (Rich oil)

SOUTH AUSTRALIAN OIL CORPORATION LIMITED

(In Liquidation).

IMPORTANT NOTICE

Tel. MU 1040.

Room 15, Eighth Floor

Temple Court,

422 Collins Street,

Melbourne,

4/5/1937.

To the Shareholders,

Dear Sir or Madam,

Though it is unusual to make reports during the course of a liquidation, I feel that in this case I am justified in making this personal statement.

The position is as follows:—

The liabilities at the outset, amounting to £27,818 2s., have been reduced by the cancellation of Ramsay & Treganowan Ltd.'s agreement, the sale of the freehold property, which was being purchased under Contract of Sale, and the payment of Preferential creditors, to £7,272 4s. (excluding cost of Liquidation). Certain creditors have also agreed to accept shares in the new undertaking in payment of a proportion of this amount.

Now, against these liabilities, nearly the whole of the plant, four leases, the interest in the Midwest Oil Company No Liability, and other assets are held.

The formation and work of the Austral Oil Drilling Syndicate No Liability has improved the whole prospect of a successful realisation of these assets. Foster's Bore has been drilled, and is now producing crude oil at the rate of approximately three and a half barrels daily. By testing and by the research work of Mr. Frederick Chapman, A.L.S., F.G.S., etc., (late Palaeontologist to the Commonwealth Government of Australia), very valuable information has been gained, and the leases promise to be of considerable value. It is solely as a result of the existence of the Austral Oil Drilling Syndicate No Liability that I have been able to hold the assets. If these had been realised at the beginning of the liquidation in the ordinary way, the creditors might possibly have received 5s. in the £1, but there would have been nothing left over for the shareholders. As a result of the efforts to date, there is reasonable prospect of paying the creditors in full and of shareholders still retaining an interest in the leases.

If the Austral Oil Drilling Syndicate No Liability is as entirely successful as is hoped in developing the oil field, the money spent by the South Australian Oil Corporation Limited (In Liquidation) will not have been in vain.

The Federal Oil Advisory Committee has agreed to recommend advances on a £ for £ basis to the Austral Oil Drilling Syndicate N.L., but one of their stipulations is that the Company must have sufficient money in hand to proceed with drilling six wells before the Federal Government will make the advances.

It will thus be apparent to the 2,265 shareholders of the South Australian Oil Corporation Limited (In Liquidation) that, thanks to the formation and work of the Austral Oil Drilling Syndicate N.L., I have been justified in not rushing the realisation of assets. Whereas, as Liquidator, the matter is solely in my hands, I am taking this opportunity of informing shareholders of the position, and I am sure that they will be quick to realise that any interest which they may ultimately get is due to the whole-hearted assistance I have received from your late Directors and the Austral Oil Drilling Syndicate N.L.

Support for the Austral Oil Drilling Syndicate N.L. should go a long way to expedite a satisfactory conclusion to this liquidation.

Yours faithfully,

R. H. WILLIS, Chartered Accountant (Aust.),
Liquidator.

SAOW No 4

Copied from a Memo to A.J. Keast from F.S. Anderson, written at Meris Dept.
 Referring to Oil Sheet. Dated 18 Aug 1942.

Page 4.

*
 " Bore SAOW No 4, within 10 chains of the site, is said to be typical + ~~data~~ indicate the following:

<u>Depth</u>	<u>Nature of Ground</u>	<u>Water and gas</u>
0 - 50'	Sandy yellow clay	} Very little water, probably not more than 100 gallons hourly
50' - 52'	Hard limestone	
52' - 60'	Sandy yellow clay	
60' - 70'	Hard " "	
70' - 90'	Sandy " "	
90' - 294'	Blue grey marl	
294' - 360'	Polyzonal limestone (porous)	} Heavy water flow under sufficient pressure to bring water level within 60' of surface. Marls said to be generally dry + impervious with only occasional small (?) makes of water, possibly under high pressure until approaching the oil-bearing sandstone where pressures are of the order of 500-600 lbs. per sq. in. Appears to be doubt whether these high pressures exist above the oil sands or only beneath them. Some hydrogen sulphide gas at 680'. Odd discharges of methane from 800' onwards.
360' - 624'	Blue grey marl, some of which is slightly shelly	
624' - 660'	Fine soft greenish marl	
660' - 980'	Blue grey marl	
980' - 1050'	Dark brown sandy clay	
1050' - 1220'	Various clays with odd thin (approx 6") hard limestone bands.	
1220' - 1255'	Glaucosmitic oil bearing sandstone	
below 1255'	Antesian water sands, more or less running.	

NO. 91

197A

14th August, 1945.

Extract from "Herald" under date 5/9/30.

In a report to the Stock Exchange today the Field Superintendent of the South Australian Oil Wells Co., Mr. H.S. Lyne, expressed confidence that an oil field had definitely been established at Lakes Entrance.

The Company's No. 4 Bore was reported to be showing 300 gallons of oil today after 1500 gallons had been baled yesterday.

Mr. Lyne said this bore would bale 10 barrels a day and would give more by pumping.

This report produced a strong rise in Lakes Entrance oil shares on the Stock Exchange today."

The Manager of the South Australian Oil Wells Company, Mr. F. S. Bell, told the Minister for Public Works, Mr. Jones, today that 400 gallons of oil a day were being baled from the Company's No. 4 bore at Lakes Entrance. The oil was now being produced in commercial quantities and it was proposed to instal pumps immediately. "In America", said Mr. Bell, six times more oil was obtained by pumping than by ~~balancing~~ ^{balancing} which was merely a method used for testing. No. 3 bore was producing at the rate of 100 gallons a day by baling."

"The output of No. 4 bore was increasing at the rate of 100% every 24 hours. "

"Ten barrels a day" Mr. Bell said, "was more than twice the American daily production - a barrel a hole."

Mr. Binney said that with the aid of pumps it was hoped to obtain a production of 100,000 gallons a day.

Mr. Jones who visited the bore on Monday last said that if the present production was maintained the prospects seemed good. Quantity was the only problem.

The Field Superintendent Mr. Lyne denied a report that any water detrimental to the ~~country~~ ^{country} was coming into No. 4 bore in his report to the Stock Exchange.

The Tanjil No. 1 bore was stated to be making oil at the rate of 20 gallons a day and the South Australian No. 3 was reported to have given a further 50 gallons making 100 gallons for the week." - Herald, 5/9/30.

Oil Prospects in Australia:- The Minister for Home Affairs, the Honorable Arthur ~~CCC~~ Blakeley has made available the following statement:-

"Complaints have been received from time to time that the reports of the Commonwealth Geological Adviser on Oil prospecting in Australia have had an adverse effect upon certain shares on the Stock Exchange.

Those who have considered the subject most carefully feel that there is every reason for optimism as to the ultimate results of the search for oil in Australia. It must be recognised however that the legitimate search is seriously jeopardised by the introduction of Stock Exchange activities. Many of the Companies engaged in the search have shown by their actions a genuine desire to attain that consummation devoutly desired by all patriotic citizens, - the development of an indigenous oil industry.

*Copy in Relations
at Commonwealth
Library*

Sore 4

Surface level 135 ft. (Aneroid)

0	-	2	Soil, sandy
2	-	16	Clay, sandy, yellow
16	-	51	" " "
51	-	52	Limestone, hard
52	-	90	Clay, sandy, yellow, with shells
90	-	200	Marl, bluish-grey, soft, with many shells
		200	Water rose 40 ft.
200	-	240	Marl, blue grey

SOUTH AUSTRALIAN OIL CORPORATION LIMITED - LAKES ENTRANCE.

WITH POINT ADRIAS - 1 FROM WOODSIDE
31-7-86.

<u>1932</u>		<u>No. 4.</u>			<u>No. 8.</u>			<u>Dehydration</u>				<u>Ship</u>
		<u>Fluid</u>	<u>Oil</u>	<u>Hours</u>	<u>Fluid</u>	<u>Oil</u>	<u>Hours</u>	<u>Oil treated</u>	<u>Oil yield</u>	<u>Water</u>	<u>Emulsion</u>	<u>Dr</u>
Nov.	3.	7341	70	135½				810	528	232	50	
	10.	7280	64	129				590	500	82	9	
	17.	7300	50	130								
	24.	5009	40	97½								
Dec.	1.	3519	37	59	45783	600	150					
	8.	1300	20	32	23000	400	83					
	15.				45000	600	151					
	22.	2237	74	65	52358	750	164					
	29.	1800	30	54	51950	600	162					
<u>1933</u>												
Jan.	5.	460	30	90	45466	800	135					
	12.	4500	27	86	40000	900	112					
	19.	4100	22	64	46100	550	136					
	26.	3609	26	51	45320	350	134	2032	440	1432	160	31
Feb.	2.				22240	300	120	550	264	230	6	
	9.				2200	70	7					
	23.				15350	400	47					
	27.				6000	190	24					
Mar.	6.				37860	800	134½	595	484	71	40	11
	12.				34000	700	130	800	594	206		23
	20.				28000	600	110	700	660	20	20	
	27.				36556	600	136	600	396	160	44	9
	30.				39500	600	144	600	440	100	60	19
Apl.	8.				43896	800	145					31
	17.				40100	620	129					
	23.				38000	560	136					
	29.				40000	600	128	1420	940	480		21
May,	8.				26000	400	78					10
	13.				38060	562	126	620	440	140	20	20
	20.				39000	600	128					23
	27.				27300	430	80	562	430	82		
June,	3.				36000	490	126	600	352	200	48	
	10.				38000	500	129					
	19.				39600	600	130	200	140			
Forward.		48455	490	992¾	1049	15972	3414*	10679	658	3435	457	238

FORWARD,	<u>No. 4.</u>			<u>2.</u> <u>No. 8.</u>		Hours	Oil treated	<u>Dehydration</u>			<u>Shipped</u>
	<u>Fluid</u>	<u>Oil</u>	<u>hrs</u>	<u>Fluid</u>	<u>Oil</u>			<u>Oil yield</u>	<u>Water</u>	<u>Emulsion</u>	<u>Drums</u>
	48455	490	92 $\frac{3}{4}$	1023219	15972	3414 $\frac{1}{4}$	10679	6558	3435	457	238
June, 24,				30000	460	110	500	308	150	42	15
July, 4,				33000	500	103	600	396			
8,				31000	450	99					
17,				32000	500	110	450	308	110	42	16
22,				34000	500	138				10	22
29,				25200	350	76	450	396	54		9
Aug. 7,				22900	200	65					6
19,				39000	400	122					
26,				40000	420	148	500	264	200	36	12
Sept. 2,				54000	320	134	350	308	42		19
9,				48000	420	130	380	352	28		8
16,				43896	360	138	420	308	82	10	
23,				58350	450	140		308	112		20
30,				59100	450	138	360	264	96		6
Oct. 7,				54860	375	139	450	264	150	16	9
14,				56460	340	138	450	230	220		5
21,				55500	400	132	375	264	111		6
30,				59100	450	138	360	260	96		6
28,				55628	330	139	340	88	120	84	8
Nov. 4,				54000	320	137	400	200	200		4
10,				53500	400	130	330	264	66		6
18,				52630	326	132	612	154	458		3
25,				52000	320	130					
Dec. 2,				53500	350	135					
FORWARD,	48455	490	92$\frac{3}{4}$	2120843	25363	6415$\frac{1}{4}$	18006	11594	5730	697	418

Date	No. 4.			No. 7.			No. 8.			Dehydration				Shipped Drums	
	Fluid	Oil	Hrs.	Fluid	Oil	Hours	Fluid	Oil	Hours	Oil	ated Oil yield	Water	Emulsion		
1933. FORWARD,	43455	490	992 $\frac{3}{4}$				2120843	25363	6415 $\frac{1}{4}$		18006	11594	5730	697	413
Dec. 9,				28310	136	130	53480	346	138		350	308	30	12	
16,				29000	240	134	53000	320	134		180	132	38	10	10
30,	7900	72	120	26766	200	132	50610	306	136		320	300	12		7
1934.											320	264	56		21
Jan. 6,	7000	74	130	26000	300	128	50000	300	126		131	88	20	23	
20,	6780	12	110	25306	72	130	51410	210	135		230	176	54		4
27,	5000	14	104	23000	70	98	52000	220	140						
Feb. 10,	4960	12	100	22756	65	103	52610	200	140		240	220	20		11
3,				36905	90	136	56000	240	138						4
17,	4000	30	109	23000	100	129	52000	200	137		420	286	124	10	6
Mar. 3,	3080	20	100	20600	60	120	52680	130	136						
10,				20000	130	126	50000	260	130						
24,				20100	90	125	50600	180	138		207	176	31		4
31,				20000	75	100	45000	212	119						
Apl. 7,				22108	100	126	48600	200	128		280	220	60		9
14,				21600	80	123	48300	196	128						
22,				22000	100	126	40000	290	123						
May. 5,				13600	100	130	23040	160	128						
26,				16010	80	128	22600	100	130		500	396	104		
June, 16,				5100	60	48									

87175 724 1765 $\frac{3}{4}$ 427161 2148 2272

2972773 29483 8799 $\frac{1}{4}$

21184 14160 6279 752

494
36

2943290

Oil 29483 Gallons @ 1.00
do 58764 " " 2.90

2964
1482
16784 Gallons

27-11-95

To Ken Wilson
From Alan Newman
Subject Well Information

Could you please find the well depth and casing / hole size for the four wells listed below
I would have done this myself but the compactus is jammed

No 5	Colquhoun No 4	6" SET AT 1225'	8" @ 390'	FULL DEPTH 1255'
370 m No 25	Lake Bunga No 1	NO DIA'S ON RECORD		1215'
No 47	Lakes Entrance Shaft	3M SQ		
No 54	Government Bore No 9	6"		
No 28	No 2 L.V			

Well Cemented
Bore Cemented

1 KILLED IN VIEW ST = ~~AA~~

No 34
21+55'

MAC No 3 = 34

