

Well Elementary FolderTorquay 1 → 5(W 350 → 354)

Approx Spud Lat

Torquay Oil Wells	N ^o 1	15/10/22
	2	30/3/23
	3	26/8/23
	4	14/2/24
	5	10/7/24

M.D. Drill N^o 10

TORQUAY - 1, - 2, - 3, - 4, - 5.

W350 TO 354

WELL ELEMENTARY

Torquay - 1

Torquay - 1

PE904051

This is an enclosure indicator page.
The enclosure PE904051 is enclosed within the
container PE904050 at this location in this
document.

The enclosure PE904051 has the following characteristics:

ITEM_BARCODE = PE904051
CONTAINER_BARCODE = PE904050
NAME = well card
BASIN = OTWAY
PERMIT =
TYPE = WELL
SUBTYPE = WELL_CARD
DESCRIPTION = well card Torquay 1
REMARKS =
DATE_CREATED = 5/09/22
DATE_RECEIVED =
W_NO = W350
WELL_NAME = Torquay-1
CONTRACTOR = Torquay Oil Wells Co
CLIENT_OP_CO = Torquay Oil Wells Co

(Inserted by DNRE - Vic Govt Mines Dept)

Jan Jul No 1

W 350

110

WELL TORQUAY OIL WELLS No 1

TYPE

BASIN

Pl. Jan Jul, A11st 16

Tenement Holder <i>Torquay Oil Wells Co.</i>	Map Used <i>Anglessea 1 mile Mil.</i>
Operator	Latitude <i>38° 20' 58" S</i>
Tenement	Longitude <i>144° 17' 52" E.</i>

Elevation	Total Depth <i>1453'</i>	Status
Spud <i>5th Sept 1922.</i>	Completed	Abandoned <i>8th Dec 1923.</i>

Casing *8" at 57' : 7" at 548' : 6" at 722' : All casing pulled on abandonment at 791'. Plant changed to Steam Drill.*

STRATIGRAPHY

	<i>Top Jurassic at 823'</i>	
	<i>2" Jurassic Black Coal at 944'</i>	

DEPT. NAT. RES & ENV



PE904051

FORMATION TESTS

LOG SUMMARY AND INTERPRETATION

① Boring Records 1923 p15 as Jan Jul No 1 in Government system.

Torquay Oil Wells No 1

① Encl

CORES

No.	Interval	Core Rec.	No.	Interval	Core Rec.	No.	Interval	Core Rec.	No.	Interval	Rec.
	20'-50'	8'		581'-592'	4'		895'-1453'	235'			
	50'-75'	15'		593'-642'	8'6"						
	76'-129'	38'		642'-679'	27'						
	136'-276'	105'		691'-705'	13'3"						
	276'-356'	28'		705'-719'	10'3"						
	356'-376'	9'		719'-723'	4'						
	376'-426'	22'		737'-739'	1'6"						
	426'-439'	9'		776'-781'	5'4"						
	439'-500'	5'		782'-786'	2'						
	500'-539'	13'		786'-791'	4'						
	539'-553'	13'		805'-823'	5'						
	553'-581'	3'		849'-895'	20'						

CHEMICAL ANALYSES (Oil, water, gas.)

from Originals of Drillers Logs.
Water at 136'

Gas show - in water at 726'-728'.

GENERAL (Conclusion, structure, plugging, etc.)

BORE No. 1, PARISH OF COOLUNGOOLUN.

Proximate analysis calculated to 40 per cent. moisture.

Lab. No.	607	608	609	610	611	612	613	614
Depth, in feet	99-209	209-219	219-229	229-239	239-249	249-259	259-269	269-279
Moisture	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
V.H.C.	19.95	21.02	22.88	20.29	22.00	23.33	25.37	sample lost
F.C.	24.30	23.01	26.02	28.82	28.19	26.99	29.66	sample lost
Ash	15.75	15.97	11.10	10.89	9.81	9.68	4.97	sample lost
Total	100.00	100.00	100.00	100.00	100.00	100.00	100.00	..
Moisture as received	26.3	25.0	18.7	20.1	21.1	27.2	24.2	..

Lab. No. 615. Depth, 279 feet to 288 feet.

Moisture	40.00
V.H.C.	23.09
F.C.	31.63
Ash	5.28
Total	100.00
Moisture as received	29.5

Ultimate analysis (coal dried at 105° C.)

Depth, 199 feet to 288 feet.

Carbon	61.42
Hydrogen	4.52
Sulphur	4.85
Nitrogen	0.58
Oxygen	14.49
Ash	14.14
Total	100.00

PARISH OF GOULBURN.

A.1. MINE. (Gaffney's Creek.)

Bore 5.

Position.—Sunk from bottom of hoist shaft at 330 feet below the surface from No. 4 Tunnel level.

Strata.	Thickness. ft. in.	Depth struck. ft. in.
Diorite, hard, jointy, with quartz veins	39 4	330 0
No. 3 level drive	7 9	369 4
Diorite, hard, jointy, with quartz veins	36 11	377 1
Quartzite	22 7	414 0
Diorite, with quartz veins and alternating bands of quartzite	72 5	436 7
Diorite, with occasional quartz veins	61 7	509 0
Cavity and quartz rubble	1 2	570 7
Quartz, broken	3 6	571 9
Diorite, hard	24 9	575 3
Diorite, hard, broken and jointy	50 9	600 0
Diorite, broken and jointy, with hard bands of quartzite	80 6	650 9
Diorite and quartz formation broken	6 5	731 3
Diorite, broken, containing quartz veins	34 4	737 8
		772 0

PARISH OF JAN JUC.

Bore 1.

TORQUAY OIL WELL. 1-5.

Position.—On creek, 5 chains east from south-west corner of allotment 16.

PARISH OF GLENCOE SOUTH.

Bore 1.

Position.—2 chains north, then 2 chains east from north-east corner of allotment 15 of C, Parish of Coolungoolun.

Depth	Strata.	Thickness. ft. in.	Depth struck. ft. in.
0			
2 0			
3 0			
2 0			
9 0	Sand and clay	59 0	0 0
3 0	Sand, fine, white	91 0	59 0
9 0	Sand, drift	36 0	150 0
5 0	Clay, ligneous	29 0	186 0
9 0	Coal, brown	45 0	215 0
8 0	Clay and sand, coarse	40 0	260 0
15 0			
38 0	Depth bored		300 0

Fresh water struck at 118 feet.

Strata.	Thickness. ft. in.	Depth struck. ft. in.
Clay	3 0	0 0
Marl	17 0	3 0
Clay and marl	30 0	20 0
Clay, calcareous	25 0	50 0
Limestone, hard, grey	2 0	75 0
Clay, calcareous	11 0	77 0
Limestone, hard, grey	2 0	88 0
Clay, calcareous	7 0	90 0
Limestone, hard, grey	3 0	97 0
Clay, calcareous	14 0	100 0
Limestone, hard	1 0	114 0
Clay, calcareous, fossiliferous, pyritic	13 0	115 0
Limestone, hard	1 0	128 0
Clay, calcareous	7 0	129 0
Limestone, hard and grey	1 0	136 0
Clay, sandy, calcareous, green, and fossiliferous	86 0	137 0

Strata.	Thickness.		Depth struck.	
	ft.	in.	ft.	in.
Limestone, hard	2	0	223	0
Clay, sandy, calcareous, with hard limestone bands	51	0	225	0
Clay, sandy, calcareous, with hard nodules	31	0	276	0
Clay, sandy, calcareous	30	0	307	0
Clay, sandy, calcareous, pyritic, with hard nodules	39	0	337	0
Clay, sandy, calcareous	63	0	376	0
Clay, sandy, calcareous, fossiliferous	61	0	439	0
Clay, sandy, portion calcareous	39	0	500	0
Clay, sandy, fossiliferous (marine fossils)	42	0	539	0
Clay, grey	12	0	581	0
Clay, sandy, calcareous, fossilized	126	0	593	0
Clay, dark, with coarse quartz and waterworn gravel	4	0	719	0
Clay, dark, sandy, calcareous	14	0	723	0
Clay, carbonaceous, pyritic	2	0	737	0
Clay, sandy, calcareous, fossilized	33	6	739	0
Like Limestone, hard	2	6	772	6
Clay, sandy, dark, calcareous	4	0	775	0
Sand, dark-brown, carbonaceous	2	0	779	0
Clay, ligneous	4	0	781	0
Clay, grey	6	0	785	0
Sand drift	7	0	791	0
Clay, white	7	0	798	0
Clay, hard, white, sandy	18	0	805	0
Mudstone and sandstone alternating	121	0	823	0
Black coal, Jurassic	0	2	914	0
Sandstone, carbonaceous, with calcite veins	144	4	914	2
Mudstone and sandstone alternating	364	6	1,088	6
Depth bored			1,453	0

Water struck at 136 feet.

Bore 2.

Position.—12 chains east of No. 1 Bore.

Strata.	Thickness.		Depth struck.	
	ft.	in.	ft.	in.
Clay	11	0	0	0
Sand and gravel	13	0	11	0
Clay and marl	18	0	24	0
Clay, calcareous, sandy	105	6	42	0
Limestone band, hard	0	6	147	6
Clay, sandy	18	0	148	0
Limestone, soft	8	0	166	0
Clay, sandy, calcareous	22	6	174	0
Glauconite	5	6	196	0
Clay, sandy	118	0	202	0
Limestone, hard	3	0	320	0
Clay, calcareous	15	0	323	0
Limestone, hard	2	0	338	0
Sand and clay, calcareous	79	0	340	0
Limestone	2	0	419	0
Clay, sandy, fossiliferous	335	0	421	0
Sand, fine	6	0	756	0
Clay, sandy, calcareous	14	0	762	0
Sand, fine	1	0	776	0
Clay and sand	24	0	777	0
Clay, sandy	6	0	801	0
Brown coal	9	0	807	0
Clay, sandy	3	0	816	0
Brown coal	2	0	819	0
Clay, sandy	46	0	821	0
Clay, sandy, hard, carbonaceous	19	6	867	0
Mudstone, decomposed	4	6	886	6
Sandstone, decomposed	2	0	891	0
Sandstone, hard	1	0	893	0
Depth bored			894	0

Water standing at 166 feet.

Bore 3.

Position.—On creek, 31 chains south from north-east corner of allotment 16.

This log does not agree with drillers log

Strata.	Thickness.		Depth struck.	
	ft.	in.	ft.	in.
Soil	2	0	0	0
Clay, calcareous	1	0	2	0
Clay, red, micaceous	12	0	3	0
Ironstone wash	1	0	15	0
Clay, variegated, micaceous	8	0	16	0
Sand, dry, red	1	0	24	0
Clay, variegated, micaceous	36	0	25	0
Gravel and clay	23	0	61	0
Clay, variegated, cemented	2	0	84	0
Clay, yellow, with hard cemented band and limestone nodules	21	6	86	0
Limestone, hard band	4	0	107	6
Mudstone, fossiliferous	28	6	111	6
Limestone band, hard	0	6	140	0
Clay	8	6	140	6
Clay, arenaceous, pyritic, with bands of gravel and glauconite	56	0	149	0
Gravel sand, fossiliferous	2	0	205	0
Clay, arenaceous, pyritic	13	0	207	0
Clay, arenaceous, with gravel bands	14	0	220	0
Limestone, hard	1	6	234	0
Clay, arenaceous, fossiliferous, pyritic, with bands of sand and gravel	46	6	235	6
Clay, fossiliferous	23	0	282	0
Limestone, hard	1	8	305	0
Clay, arenaceous, fossiliferous	5	4	306	8
Clay, arenaceous, pyritic and fossiliferous	12	0	312	0
Sand, very fine	1	0	324	0
Clay, stiff, arenaceous, pyritic, fossiliferous	93	0	325	0
Limestone, hard	0	4	418	0
Clay, stiff, arenaceous, pyritic and fossiliferous	113	3	418	4
Sandstone, brown, hard	0	5	531	7
Clay, dry, arenaceous, pyritic and fossiliferous	168	0	532	0
Sand, cemented, hard	8	1	700	0
Shale, brown, ligneous	1	2	708	1
Sand, fine, pyritic and fossiliferous	19	0	709	3
Clay, arenaceous	2	0	728	3
Shale, brown, ligneous	3	0	730	0
Sand, hard, cemented, pyritic, containing mica	60	3	733	3
Sand, hard, cemented, with bands of fine white sand and ligneous shale	49	0	793	6
Depth bored			842	6

(Brackish water struck at 40 feet and 706 feet.)

" " " " 345 " & " 743 "

Water analysis; grains per gallon.

Depth, (335) feet.

Insol. matter	0.8
CaCO ₃	28.7
CaSO ₄	19.4
MgCl ₂	53.0
MgSO ₄	54.6
NaCl	426.8

Total 583.3

Bore 4.

Position.—20 chains south-east of bore No. 2.

	Strata.	Thickness.		Depth
		ft.	in.	struck.
		ft.	in.	ft.
n.	Soil	2	0	0
0	Marl	3	0	2
0	Clay, sandy, yellow	10	0	5
0	Limestone, hard	1	0	15
0	Clay, sandy	65	0	16
0	Clay, sandy, with limestone bands	19	0	81
0	Clay, sandy, fossiliferous	6	0	100
0	Clay, sandy, ligneous	32	0	106
0	Clay, sandy, calcareous	54	0	138
0	Clay, sandy, pyritic	33	0	192
0	Clay, sandy, calcareous	330	0	225
6	Clay, sandy, calcareous, with quartz gravel	2	0	555
6	Clay, ligneous	23	0	557
0	Clay, sandy, calcareous	19	0	580
6	Drift, with waterworn gravel	3	6	599
0	Quartz boulder	0	3	602
0	Limestone, hard	0	3	602
0	Brown coal	15	0	603
0	Clay, ligneous	3	0	618
0	Clay, sandy	47	0	621
0	Clay, sandy, calcareous	47	0	668
6	Depth bored			715

Brackish water struck at 581 feet.

Bore 5.

Position.—At north-east corner of allotment 14.

	Strata.	Thickness.		Depth
		ft.	in.	struck.
		ft.	in.	ft.
4	Soil	1	0	0
7	Clay, sandy, mottled, with ironstone gravel	22	0	1
0	Clay, light, sandy	3	0	23
1	Clay, yellow	14	0	26
3	Clay, sandy, with marl	37	0	40
3	Limestone band	0	8	77
6	Clay, sandy, light, calcareous, fossiliferous	78	4	77
6	Clay, sandy, with glauconite bands	3	0	156
6	Clay, sandy, fossiliferous, with bands of sand	18	0	159
	Limestone, hard	1	0	177
	Clay, sandy, with bands of limestone	27	0	178
	Clay, sandy, calcareous, fossiliferous	8	0	205
	Limestone band, hard	1	0	213
	Clay, sandy, calcareous, fossiliferous	74	0	214
	Limestone, very hard	1	0	238
	Clay, sandy, calcareous, pyritic	136	0	239
	Clay, sandy, dark, with limestone bands	19	0	425
	Clay, sandy, calcareous	145	0	444
	Clay, ligneous	3	0	589
	Brown coal	2	0	592
	Clay, ligneous	44	0	594
	Brown coal	2	0	638
	Clay, ligneous	8	0	640
	Sand and clay	46	0	648
	Sandstone and mudstone (Jurassic)	6	0	694
	Depth bored			700

Brackish water struck at 464 feet.

Lab. Report 1922 / 1150-1156

Torquay Oil Wells No 1 Bore.

Seam No	Depth	
1151	410 ft	} Fine grained ligneous sands with clayey matter, mica, pyrites + carbonate of lime.
1152	428 ft	
1153	456 ft	
1154	475 ft	
1155	525 ft	
1156	553 ft	

Test No

- 1 - Smell of crude Petroleum.
- 2 - Film Test - all negative.
- 3 - ~~Extract with ether~~ Steam distillation - all nil.
- 4 - Extract with solvent - Residue yellowish brown sticky, waxy, odour resembles bitumen of brown coal.

No 1151 - 0.002%

1152 - 0.005%

1153 - 0.003%

1154 - 0.005%

1155 - 0.005%

1156 - 0.009%

Lab Report No 1922/1280

Core from Tongue Pit Wells to Bone
at 642'

Solvent Test → 0.05% of pale
yellow hard wax, (not oil).

OIL AND GAS SHOWS. - TORQUAY No. 1.

TORQUAY OIL WELLS LTD.

**MINES.
DRILLING OPERATIONS.**

Boria Drill No. 10 while in

As noted on Original drillers Log.

B. Shuhan
Signature of Foreman.

Bore No. 1

POSITION: From *SW* corner allot. 16 section go *6.41 West*
from junction of then *Creeks*

STAFF.

Position.	Name.	Shift Hours.	Days worked.
Foreman	<i>B. Shuhan</i>	7.30 till 4.15	7
Shift-foreman	<i>G. Shanklin</i>	" " till " "	7
Shift-foreman		till	
Assistant	<i>J. Hughes</i>	" " till " "	7
Assistant	<i>G. Follett</i>	" " till " "	7
Assistant		till	

TOOLS USED.

	From.	To.		From.	To.
	feet.	feet.	"	feet.	feet.
Auger			Calyx	5	691 768
Drive pump			Shot		
Star bit					

FUEL.

On hand at end of previous week	<i>26 1/2 Kero</i>
Received during week	
Total	
On hand	<i>27 do "</i>
Used	<i>3 do "</i>

WATER.

Struck at *136* feet.
Flow _____ gallons per hour.
Standing at when bore completed _____ feet.

TUBES.

	8"	7"	6"	5"	4"	3"
	feet.	feet.	feet.	feet.	feet.	feet.
In hole	<i>57</i>	<i>548</i>	<i>252</i>			
Not in use		<i>59</i>	<i>825</i>	<i>210</i>	<i>407</i>	
Total	<i>57</i>	<i>607</i>	<i>1077</i>			

Diameter of bore hole, *6* inches.
Reduced to *5* inches diameter at *622* feet.
Dip at strata _____

Remarks on strata that are worth recording, also explanations of any delays, repairs, loss of material, &c. :-

Gas showing in water from 726 to 728 feet

B. S.
Initials of Foreman.

Received _____
Director of Geological Survey
Engineer for Boring

7633.

FEET BORED.

Shift.	From.	To.	For Shift.	METER.
	feet.	feet.	feet.	At end of Shift.
<i>Sunday</i> ^{14.1.23} <i>Day</i>	<i>691</i>	<i>705</i>	<i>14</i>	
<i>Monday</i> ^{15.1.23} <i>Day</i>	<i>705</i>	<i>723</i>	<i>18</i>	
<i>Monday</i> ^{15.1.23} <i>Afternoon</i>				
<i>Tuesday</i> ^{16.1.23} <i>Day</i>	<i>723</i>	<i>731</i>	<i>8</i>	
<i>Tuesday</i> ^{16.1.23} <i>Afternoon</i>				
<i>Tuesday</i> ^{16.1.23} <i>Night</i>				
<i>Wednesday</i> ^{17.1.23} <i>Day</i>	<i>731</i>	<i>750</i>	<i>19</i>	
<i>Wednesday</i> ^{17.1.23} <i>Afternoon</i>				
<i>Thursday</i> ^{18.1.23} <i>Day</i>	<i>750</i>	<i>755</i>	<i>5</i>	
<i>Thursday</i> ^{18.1.23} <i>Afternoon</i>				
<i>Thursday</i> ^{18.1.23} <i>Night</i>				
<i>Friday</i> ^{19.1.23} <i>Day</i>	<i>755</i>	<i>768</i>	<i>13</i>	
<i>Friday</i> ^{19.1.23} <i>Afternoon</i>				
<i>Friday</i> ^{19.1.23} <i>Night</i>				
<i>Saturday</i> ^{20.1.23} <i>Day</i>				
<i>Saturday</i> ^{20.1.23} <i>Afternoon</i>				
TOTAL FOR WEEK			<i>77</i>	

STRATA PASSED THROUGH.

Material.	From.		To.		Thickness.		Core Obtained.	
	ft.	in.	ft.	in.	ft.	in.	ft.	in.
<i>Mudstone Sandy</i>	<i>691</i>		<i>705</i>		<i>14</i>		<i>13</i>	<i>3</i>
<i>Dark Calcareous</i>								
<i>Mudstone Sandy Wash</i>	<i>705</i>		<i>719</i>		<i>14</i>		<i>10</i>	<i>3</i>
<i>Calcareous & fossilifer</i>								
<i>Mudstone Dark</i>	<i>719</i>		<i>723</i>		<i>4</i>		<i>4</i>	
<i>with coarse quartz</i>								
<i>water worn gravel</i>								
<i>through it</i>								
<i>Mudstone Wash</i>	<i>723</i>		<i>737</i>		<i>14</i>		<i>Nil</i>	
<i>Sandy Calcareous</i>								
<i>Dark Carbonaceous</i>	<i>737</i>		<i>739</i>		<i>2</i>		<i>1</i>	<i>6</i>
<i>Mudstone Sandy</i>	<i>739</i>		<i>750</i>		<i>11</i>		<i>Nil</i>	
<i>Wash Calcareous</i>								
<i>& fossilifer</i>								
<i>Mudstone Sandy</i>	<i>750</i>		<i>755</i>		<i>5</i>		<i>Nil</i>	
<i>Wash & fossilifer</i>								
<i>fossilifer</i>								
<i>Mudstone Sandy</i>	<i>755</i>		<i>768</i>		<i>13</i>		<i>Nil</i>	
<i>with light-calcareous</i>								
<i>Bands of sand</i>								
<i>20.1.23</i>								

*Put Red down 670 ft
gas hole 2 ft*

Torquay - 2

Torquay - 2

PE904052

This is an enclosure indicator page.
The enclosure PE904052 is enclosed within the
container PE904050 at this location in this
document.

The enclosure PE904052 has the following characteristics:

ITEM_BARCODE = PE904052
CONTAINER_BARCODE = PE904050
NAME = well card
BASIN = OTWAY
PERMIT =
TYPE = WELL
SUBTYPE = WELL_CARD
DESCRIPTION = well card Torquay 2
REMARKS =
DATE_CREATED = 15/02/23
DATE_RECEIVED =
W_NO = W351
WELL_NAME = Torquay-2
CONTRACTOR = Torquay Oil Wells Co
CLIENT_OP_CO = Torquay Oil Wells Co

(Inserted by DNRE - Vic Govt Mines Dept)

W 351
Jan Jul No 2

WELL <i>TORQUAY OIL WELLS No 2</i>		TYPE	BASIN
Tenement Holder	Map Used <i>Anglesa/mile No. 12 chains east of No 1 Base</i>		
Operator	Latitude <i>38° 20' 54" S</i>		
Tenement	Longitude <i>144° 18' 3" E</i>		
Elevation	Total Depth	Status	
Spud <i>15th Feb 1923</i>	Completed	Abandoned <i>13th Dec 1923.</i>	
Casing <i>8" at 107' : 6" at 752' : 5" at 803' All casing pulled on abandonment.</i>			

STRATIGRAPHY

<i>Top Jurassic 886'</i>		



FORMATION TESTS

LOG SUMMARY AND INTERPRETATION

© Boring Records 1923 p16 as Jan Jul No 1 in Government boring nomenclature

Torquay O.I. Wells No 2

TORWAY No 2. W 353

Year 1923

Bore 7.

(Pt. Addis Coy.) No 2

Position.—At east corner of allotment 27c.

Strata.	Thickness.		Depth struck.	
	ft.	in.	ft.	in.
Soil	2	0	0	0
Clays, variegated	14	0	2	0
Ironstone wash	1	0	16	0
Clay, sand and fine gravel	4	0	17	0
Limestone, white	1	0	21	0
Sand, cemented <i>calcareous</i>	46	0	22	0
Clay, yellow, with sand and gravel bands and limestone nodules	23	0	68	0
Sand, cemented <i>calcareous</i>	18	0	91	0
Clay, arenaceous, fossiliferous	14	0	109	0
Clay, sandy, <i>fossiliferous, pyritic</i>	83	10	123	0
Sand, cemented	0	8	206	10
Clay, arenaceous <i>pyritic</i>	26	9	207	6
Sand, cemented	0	6	234	3
Limestone	1	6	234	9
Clay, stiff, arenaceous, <i>fossilif., pyritic</i>	80	9	236	3
Sand, white, coarse	1	0	317	0
<i>log not same as</i> Sand, cemented	271	0	318	0
Sand, fine	1	0	589	0
<i>O.D.W.</i> Clay, sandy, fossiliferous	37	0	590	0
Clay, hard, dry, arenaceous	48	0	627	0
Clay, fossiliferous	25	0	675	0
Clay, sandy	64	0	700	0
Sand, cemented, with iron pyrites	0	2	764	0
Clays, variegated in colour, partly ligneous	57	10	764	2
Depth bored			822	0

Brackish water struck at 68 feet and 685 feet.

PARISH OF KORUMBURRA.

For bores 1 to 44, see Annual Report for 1908; 45 to 72, Annual Report for 1918; 73 to 88, Boring Records for 1919-1922.

Bore 89.

Position.—From the north-west corner of allotment 1, section 9, 4 chains north-east along the creek, thence 1 chain east.

Surface level, 525 feet.

Strata.	Thickness.		Depth struck.	
	ft.	in.	ft.	in.
Surface soil	4	0	0	0
Sandstone	40	0	4	0
Black coal	0	8	44	0
Mudstone, with bands of shale	10	4	44	8
Black coal	1	0	55	0
Mudstone	11	4	56	0
Black coal	3	3	67	4
Mudstone	1	9	70	7
Black coal	0	3	72	4
Mudstone	0	8	72	7
Black coal	1	3	73	3
Depth bored			74	6

Bore 90.

Position.—5 chains north of bore 89.

Surface level, 515 feet.

Strata.	Thickness.		Depth struck.	
	ft.	in.	ft.	in.
Surface soil	4	0	0	0
Sandstone	12	0	4	0
Mudstone, carbonaceous	3	0	16	0
Black coal	1	6	19	0
Mudstone, carbonaceous	0	10	20	6
Mudstone, with bands of sandstone	20	8	21	4
Depth bored			42	0

Bore 91.

Position.—0.5 chains south of bore 90.

Surface level, 517 feet.

Strata.	Thickness.		Depth struck.	
	ft.	in.	ft.	in.
Soil and clay	8	0	0	0
Sandstone	2	0	8	0
Coal (with splint bands)	3	0	10	0
Mudstone, carbonaceous	15	0	13	0
Sandstone	33	6	28	0
Black coal	1	3	61	6
Mudstone, with bands of fossiliferous shale	9	7	62	9
Sandstone	0	10	72	4
Black coal	0	10	73	2
Mudstone	6	6	74	0
Depth bored			80	6

PARISH OF LACEBY.

For bore 1, see Boring Records 1919-1922.

Bore 2.

Position.—South-east corner of allotment 29, section 29.

Strata.	Thickness.		Depth struck.	
	ft.	in.	ft.	in.
Clay	10	0	0	0
Sand, cemented	2	0	10	0
Clay	10	0	12	0
Sand, dry	13	0	22	0
Clay, sandy	11	0	35	0
Sand and gravel	17	0	46	0
Clay	12	0	63	0
Gravel	32	0	75	0
Clay	24	0	107	0
Sand	69	0	131	0
Gravel, sandy, with little clay	50	0	200	0
Gravel, cemented	5	0	250	0
Sand, clay and gravel	5	0	255	0
Clay and gravel	37	0	260	0
Sandstone	14	0	297	0
Conglomerate	35	9	311	0
Sandstone	7	3	346	9
Conglomerate	3	0	354	0
Sandstone	2	0	357	0
Conglomerate	1	8	359	0
Mudstone	4	4	360	8
Conglomerate	30	3	365	0
Quartzite	2	3	395	3
Conglomerate	2	6	397	6
Sandstone	1	0	400	0
Conglomerate	17	0	401	0
Quartzite	3	0	418	0
Conglomerate	1	0	421	0
Quartzite	0	6	422	0
Conglomerate	1	6	422	6
Sandstone	1	0	424	0
Conglomerate	56	0	425	0
Mudstone	6	0	481	0
Sandstone	18	0	487	0
Conglomerate	0	9	505	0
Sandstone	37	0	505	9
Conglomerate	45	3	542	9
Sandstone, fine-grained, hard	11	0	588	0
Conglomerate	30	0	599	0
Mudstone	36	0	629	0
Conglomerate	12	0	665	0
Sandstone	1	0	677	0
Conglomerate	2	0	678	0
Sandstone	2	0	680	0
Conglomerate	5	0	682	0
Sandstone	18	0	687	0
Conglomerate, hard	60	0	705	0
Sandstone, fine-grained, hard	2	0	765	0

Torquay - 3

Torquay - 3

PE904053

This is an enclosure indicator page.
The enclosure PE904053 is enclosed within the
container PE904050 at this location in this
document.

The enclosure PE904053 has the following characteristics:

ITEM_BARCODE = PE904053
CONTAINER_BARCODE = PE904050
NAME = well card
BASIN = OTWAY
PERMIT =
TYPE = WELL
SUBTYPE = WELL_CARD
DESCRIPTION = well card Torquay 3
REMARKS =
DATE_CREATED = 15/10/23
DATE_RECEIVED =
W_NO = W352
WELL_NAME = Torquay-3
CONTRACTOR = Torquay Oil Wells Co
CLIENT_OP_CO = Torquay Oil Wells Co

(Inserted by DNRE - Vic Govt Mines Dept)

Jan Juc No 3

W 352

WELL <i>TORQUAY OIL WELLS No 3</i>		TYPE	BASIN
Tenement Holder		Map Used <i>Anglosea / mile Pl.</i>	<i>Ph. Jan Juc Allot 16</i>
Operator		Latitude <i>38° 20' 47" S</i>	
Tenement		Longitude <i>144° 18' 11" E</i>	
Elevation	Total Depth <i>842'</i>	Status	
Spud <i>18th Oct 1923</i>	Completed	Abandoned <i>25th Jan. 1924</i>	
Casing <i>8" at 191' ; 6" at 600' ; 5" at 772' ; All casing pulled on abandonment.</i>			

STRATIGRAPHY

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FORMATION TESTS

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LOG SUMMARY AND INTERPRETATION

④ *W. Boring Records 1923 p. 6. & W.C. Rept. as Jan Juc No 3 in Government Boring nomenclature p. 16.*

Torquay O.I. Wells No 3

CORES

No.	Interval	Rec.	No.	Interval	Rec.	No.	Interval	Rec.	No.	Interval	Rec.
	170' between	0'	426'								
	106' "	426'	828'								
	7' "	828'	842'								

CHEMICAL ANALYSES (Oil, water, gas.)

Water at 8' 345' - Sli brackish
 743' " " - flowing 8g.p.h.

GENERAL (Conclusion, structure, plugging, etc.)

1923.

El.

T.D. 842.

Boring Records 1923 p. 6 log of bore practically identical with No 6

From driller's Log

Drill No 10.

Spudded. 18 Oct. 1923.

(at 777' Dec. 1923)

Abandoned 25. Jan 1924.

(added.)

Surface soil	0-1
clay, sandy	1-15
Limestone	15-17.
clay	17-19
clay, sandy, with hard bands	19-30
marl	30-32
clay, sandy, with hard bands	32-46
clay, sandy	46. - 66'6"
Sandstone, hard, fossiliferous	66'6" - 67'
Clay, sandy, blue	67 - 71'6"
Sandstone, hard, fossiliferous	71'6" - 72'
clay, sandy, blue, with hard bands	72 - 101
Limestone, sandy	101 - 102'
clay, sandy, blue	102 - 112'6"
Limestone, hard	112'6" - 113'
clay sandy, blue	113 - 117'6"
Limestone, broken,	117'6" - 121'
clay, sandy, calcareous	121 - 134'6"

Longway Oil Wells No 3 (Cont.)

Limestone, hard	134'6" - 137'
clay, sandy, calcareous	137 - 171
Silt and clay, pyritic, fossiliferous	171 - 185
Limestone hard	185 - 186
clay, sandy, calcareous	186 - 198
clay, sandy, with glauconite bands	198 - 210
Glauconite	210 - 214
clay, sandy, calcareous, with limestone bands	214 - 274
Glauconite	274 - 276
Limestone hard	276 - 277
clay, sandy, fossiliferous	277 - 278
Glauconite	278 - 280
clay, sandy, pyritic, with hard bands	280 - 308
Limestone, hard, blue	308 - 308'6"
clay, sandy, calcareous	308'6" - 319'
Limestone, hard	319 - 320
clay, sandy, calcareous	320 - 337
Limestone, hard	337 - 338'6"
clay sandy calcareous	338'6" - 341
Limestone, hard	341 - 341'6"
clay, calcareous	341'6" - 343
Limestone hard	343 - 343'6"
clay, very sandy	343'6" - 354'6"
Limestone, hard	354'6" - 356'
clay, sandy, dark, with bands of sand	356 - 425
Limestone hard	425 - 426'6"
clay, sandy, dark, with bands quartz sand	426'6" - 462'
clay sandy, dark, calcareous, pyritic	462 - 743
clay, sandy, dark, w/ bands of sand & quartz gravel	743 - 751
Sands and clays, traces of brown coal	751 -

Jurgrey Oil wells. 3 (cont.)

Fine sand & clay w/ gravel & traces of brown coal	766 - 777
Clay, sandy, dark, w/ bands of sand	777 - 791
Clay, ligneous, very hard.	791 - 791'6"
clay, very hard, carbonaceous	791'6" - 793
Sand with bands of brown coal	793 - 806
clay sandy, with bands of waterworn gravel	806 - 828
Sandstone & Mudstone	828 - 842

Water at 8' 345' - sli backbit
743' " " - flowing 8 g.p.h.

Casing 8" @ 191' ; 6" @ 600' 5" @ 772'. all casing pulled on abandonment.

Cores.
170' between 0 - 426'
106' " 426 - 828
7' " 828 - 842.

Cardell

Torquay - 4

Torquay - 4

PE904054

This is an enclosure indicator page.
The enclosure PE904054 is enclosed within the
container PE904050 at this location in this
document.

The enclosure PE904054 has the following characteristics:

- ITEM_BARCODE = PE904054
- CONTAINER_BARCODE = PE904050
- NAME = well card
- BASIN = OTWAY
- PERMIT =
- TYPE = WELL
- SUBTYPE = WELL_CARD
- DESCRIPTION = well card Torquay 4
- REMARKS =
- DATE_CREATED = 4/02/24
- DATE_RECEIVED =
- W_NO = W353
- WELL_NAME = Torquay-4
- CONTRACTOR = Torquay Oil Wells Co
- CLIENT_OP_CO = Torquay Oil Wells Co

(Inserted by DNRE - Vic Govt Mines Dept)

WELL <i>TORQUAY OIL WELLS No 4</i>		TYPE	BASIN
Tenement Holder		Map Used <i>Produce 1 mile M.I. 20 chains south-east 1 No. 2.</i>	<i>Ph. Jan Juc</i>
Operator		Latitude <i>38° 21' 00" S</i>	
Tenement		Longitude <i>144° 18' 10" E</i>	
Elevation	Total Depth	<i>715'</i>	Status
Spud <i>4th Feb 1924</i>	Completed		Abandoned <i>5th July 1924</i>
Casing <i>8" at 112'; 6" at 572'; 5" at 602'. All casing pulled on abandonment.</i>			

STRATIGRAPHY

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FORMATION TESTS

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LOG SUMMARY AND INTERPRETATION

© *Brady Repts. 1923 p17. as Jan Juc No 4 in Government Boring nomenclature*

Torquay Oil Wells No 4

CORES

*250' between 0-555'
40' " 555'-715' (TD).*

No.	Interval	Rec.	No.	Interval	Rec.	No.	Interval	Rec.	No.	Interval	Rec.

CHEMICAL ANALYSES (Oil, water, gas.)

*Water at 138' - Brackish
555'
581' - Brackish - flow 160 g.p.h.*

GENERAL (Conclusion, structure, plugging, etc.)

Torquay - 5

Torquay - 5

PE904055

This is an enclosure indicator page.
The enclosure PE904055 is enclosed within the
container PE904050 at this location in this
document.

The enclosure PE904055 has the following characteristics:

- ITEM_BARCODE = PE904055
- CONTAINER_BARCODE = PE904050
- NAME = well card
- BASIN = OTWAY
- PERMIT =
- TYPE = WELL
- SUBTYPE = WELL_CARD
- DESCRIPTION = well card Torquay 5
- REMARKS =
- DATE_CREATED = 16/07/24
- DATE_RECEIVED =
- W_NO = W354
- WELL_NAME = Torquay-5
- CONTRACTOR = Torquay Oil Wells Co
- CLIENT_OP_CO = Torquay Oil Wells Co

(Inserted by DNRE - Vic Govt Mines Dept)

Ⓢ Jan Jac N^o 5

W 354

114

WELL <i>TORQUAY OIL WELLS N^o 5</i>		TYPE	BASIN
Tenement Holder		Map Used <i>Anglessea Inlet Pl.</i>	<i>Ph. Jan Jac N^o 5</i>
Operator		Latitude <i>38° 20' 30" S</i>	
Tenement		Longitude <i>144° 17' 32" E</i>	
Elevation	Total Depth <i>700'</i>	Status	
Spud <i>16th July 1924</i>	Completed	Abandoned <i>27th Oct 1924</i>	
Casing <i>8" at 94' : 6" at 512' : 5" at 651' - All casing pulled on abandonment.</i>			

STRATIGRAPHY		
	<i>Top Gannaxi 690' & 694'</i>	



FORMATION TESTS

LOG SUMMARY AND INTERPRETATION

Ⓢ Boring Records 1923 p 17. as Jan Jac N^o 5 in Government boring nomenclature.

Torquay Oil Wells N^o 5

CORES : 281'0" between 0'-589' : 36'6" between 589'-694' ; 0' between 694'-700' (TD)

No.	Interval	Rec.	No.	Interval	Rec.	No.	Interval	Rec.	No.	Interval	Rec.

CHEMICAL ANALYSES (Oil, water, gas.)

Water at 170' Brackish
 466' "

GENERAL (Conclusion, structure, plugging, etc.)

23-9-24 Instructed by legal Manager to discontinue logging on Tongueat Wellfield when present core (165) is completed.

Oil BORING OPERATIONS.

The following is the Record of Work done on *Victoria* Drill No. *10* while in my charge for week ending *27/9/24*

Telegraphic Address *Torquay*

Postal Address *do*

B. Sheehan
Signature of Foreman.

Parish of *Jan Juc*

Bore No. *5*

POSITION: From *NE corner allot. 14* section *go 45 South* then

STAFF.			
Position.	Name.	Shift Hours.	Days worked.
Foreman	<i>B. Sheehan</i>	<i>7.30 till 4.45</i>	<i>6</i>
Shift-foreman	<i>L. Shanklin</i>	<i>" " till " "</i>	<i>6</i>
Shift-foreman	<i>J. Hutchins</i>	<i>" " till " "</i>	<i>6</i>
Assistant	<i>G. Follett</i>	<i>" " till " "</i>	<i>6</i>
Assistant		till	
Assistant		till	

TOOLS USED.					
	From.	To.		From.	To.
	feet.	feet.		feet.	feet.
Auger			Calyx	<i>4. 674</i>	<i>700</i>
Drive pump			Shot		
Star bit					

FUEL.	
On hand at end of previous week	<i>242. base Kero</i>
Received during week	
Total	
On hand	<i>21 do "</i>
Used	<i>3 1/2</i>

WATER.
 S at *4.67* feet
 Flow *3.2* gallons per hour.
 Quality *Brackish*
 Standing at when bore completed *4.67* feet.

TUBES.						
	8"	7"	6"	5"	4"	3"
	feet.	feet.	feet.	feet.	feet.	feet.
In hole	<i>94</i>		<i>512</i>			
Not in use						
TOTAL						

Diameter of bore hole, *5* inches.
 Reduced to *4* inches diameter at *531* feet.

Dip at strata
 Remarks on strata that are worth recording, also explanations of any delays, repairs, loss of material, &c. :-

Received *30 SEP. 1924* Initials of Foreman *BS*
 Director of Geological Survey
 Engineer for Boring *J.M.B.*

FEET BORED.				METER.
Shift.	From.	To.	For Shift.	At end of Shift.
	feet.	feet.	feet.	
Monday <i>22/9/24</i>	Night			
	Day	<i>674</i>	<i>684</i>	<i>10</i>
	Afternoon			
Tuesday <i>23/9/24</i>	Night			
	Day	<i>684</i>	<i>694</i>	<i>10</i>
	Afternoon			
Wednesday <i>24/9/24</i>	Night			
	Day	<i>694</i>	<i>700</i>	<i>6</i>
	Afternoon			
Thursday <i>25/9/24</i>	Night			
	Day			
	Afternoon			
Friday <i>26/9/24</i>	Night			
	Day			
	Afternoon			
Saturday <i>27/9/24</i>	Night			
	Day			
	Afternoon			
TOTAL FOR WEEK			<i>16</i>	

STRATA PASSED THROUGH.					
Material.	From.	To.	Thickness.	Core Obtained.	
	ft.	in.	ft.	in.	ft.
<i>Slay Sandy Light (mostly bit hard)</i>	<i>674</i>	<i>694</i>	<i>20</i>		
<i>Sandstone and mudstone</i>	<i>694</i>	<i>700</i>	<i>6</i>		<i>1/2 in</i>
<i>23/9/24 Instructed by Legal Manager to discontinue boring on Torquay Oil fields when the present hole is completed</i>					
<i>25/9/24 Started to drill 6" core</i>					
<i>26/9/24 Finished drilling 6" core started 6" but could not move core</i>					
<i>27/9/24 Got water through and packed holes in four inches (which are now sealed)</i>					