



NELSON - 1

WELL ELEMENTARY

REPORT

NELSON-1

W428

W428

PE904175

This is an enclosure indicator page.
The enclosure PE904175 is enclosed within the
container PE904174 at this location in this
document.

The enclosure PE904175 has the following characteristics:

- ITEM_BARCODE = PE904175
- CONTAINER_BARCODE = PE904174
- NAME = Well card
- BASIN = OTWAY
- PERMIT = PPL/102
- TYPE = WELL
- SUBTYPE = WELL_CARD
- DESCRIPTION = Well card (enclosure from Well
Elementary) for Nelson-1
- REMARKS = Has 2 operators: Western Petroleum NL &
Producing Oilfields Ltd.
- DATE_CREATED = 30/01/40
- DATE_RECEIVED =
- W_NO = W428
- WELL_NAME = Nelson-1
- CONTRACTOR = Western Petroleum NL
- CLIENT_OP_CO = Western Petroleum NL

(Inserted by DNRE - Vic Govt Mines Dept)

Lithological log copied from Weekly
Drilling Reports and other documents
submitted by the company to the Department.

*Position of Bore is 150 Feet (approx) South West of Government No 1 Bore, Parish
of Glendy, Counties of Folett & Normandy (see note 9/2/47)*

0' - 108'	Limestone	Water struck at 43'
108' - 380'	" with band of flint	
380' - 580'	Limestone, marl and flint bands	
595'	Soft limestone	
613'	Hard "	
635'	Soft "	
762'	Marl and flint bands	
845'	Marl	
853'	Brown clay and gravel	
858'	Fine and coarse sand.	At 858' ran 8" casing to 720'
921'	Coarse sand	
925'	Cemented sand	
928'	Coarse sand	Ran 8" casing to 928'.
963'	Coarse sand with bands of cemented sand.	8" to 963'
964'	Sand	
975'	Sandy clay	
986'	Puggy clay	
1004'	Sandy clay	
1078'	Fine sand and gravel	
1094'	Fine sand.	Ran 6" casing to 1094'.
1130'	Layer of clay with seams of fine sand	
1132'	Sandstone	
1150'	Sandy clay	6" casing to 1150'
1172'	Gravel	
1174'	Brown clay	
1180'	Gravel and sand	
1183'	Fine sand	6" casing to 1183'.
1190'	Layers of clay and gravel	
1208'	Layers of clay and fine sand.	6" casing to 1201'.
1273'	Sandy clay.	6" casing to 1261'
1320'	Fine sand	6" " " 1320'
1360'	Fine sand and layers of clay	6" " " 1353'
1377'	Layers of sand and clay	6" " " 1345'
1420'	Puggy clay	
1428'	Fine sand	
1476'	Layers of sand and clay.	Ran 6" casing to 1375'.

State Labs Rept. No 783/1939

Moist Sand from Nelson Bore at 950'
Sent by. Western Petroleum N.L.

Sample is coarse grained, partly rounded & subangular
ferrous quartz sand with some calcium carbonate
and small percentage of greenish coloured earthy
material which may be glauconite.

Sample possessed a characteristic odour resembling
that of bituminous matter or petroleum.

When extracted with a volatile organic solvent
the sand showed the presence of a trace of heavy grade
pale brown oily matter.

J. C. Watson.
8/ Aug/1939.

FORMATION TOPS - GAMBIER SUB-BASIN (FT. B.D.F.)

Shannon, Mike & Robin

Well	R.D.	TIME	Basement	Basal Sand	Otway	Waarre	Flaxmans	Mt. Salt	Belfast	Carol-ine	Mac-donneil	Curdies	Pebble Point	River-noon	Dilgga	Neperuna	Nelson	Mount Gambier
WACHPORT-1	3948	31	N.R.	-	1920	-	-	-	-	-	-	-	1780	-	1120	840	775	300
MAROLINE-1	11061	123	N.R.	-	9490	9320	9150	-	7072	5706	3890	3129	3040	2965	652	640	-	G.L.
CASPERTON-1	8181	472	N.R.	6776	61	-	-	-	-	-	-	-	-	-	-	-	-	11
CASPERTON-2	5008	229	N.R.	-	1427	-	71040	-	-	-	-	-	-	822	-	-	-	-
WAVEYISH-1	10480	89	N.R.	5240	1565	-	-	-	-	-	-	-	-	-	-	-	-	60
LETHWOOD BEACH-1	10300	30	N.R.	-	3995	3875	3740	?	3340	?	2845	1960	1810	1680	1195	-	1100	G.L.
MARVELD-1	7500	244	N.R.	-	1678	-	-	-	-	-	-	11240	1190	1140	276	152	-	60
MILANGADOO-1	9040	228	6755	5600	2836	-	-	-	2494	-	-	1992	1760	1695	465	-	-	G.L.
BRUCE BONNEY-1	9550	86	N.R.	-	8926	8830	8480	7642	-	5300	4340	2635	2370	2270	905	815	-	G.L.
SALT-1	10044	86	N.R.	N.R.	N.R.	N.R.	9794	7460	-	5400	4250	3260	3131	2935	590	510	480	G.L.
WILSON-1	7305	20	-	-	-	-	-	-	N.R.	N.R.	4503	4003	3678	3549	990	812	-	G.L.
MOILA-1	4985	209	-	N.R.	1040	-	-	-	-	-	-	-	895	815	410	-	250	G.L.
WYTLAND-2	4719	±26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	G.L.
WYTLAND-3	5638	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	G.L.
WYTLAND-1	4504	128	-	N.R.	-	-	-	-	TD in Lamprophyre at	5573	5425	5300	5230	2862	2916	2841	115	
OPPERTON-1	5900	187	N.R.	5790	933	-	-	-	-	-	-	-	875	850	510	-	-	42
OPPERTON-2	4941	186	4941	4244	807	-	-	-	-	-	-	-	-	-	245	241	-	16
WILLICH-1	5363	272	-	N.R.	418	-	-	-	-	-	-	-	270	210?	485	422	-	16
WOLFEA-1	13037	112	-	-	N.R.	12290?	-	-	7100	5080	-	4385	4275	4185	2754	-	2679	140

- Not Developed
N.R. Not Reached
G.L. Ground Level

Incl. 4

Sea Floor

1939-1940.

El.

T.D. 1535.

Spudded. 16 May 1939 abandoned 18 Jan 1940.

Ph. Glenelg

No trace of oil or gas.

Site selected by M. Steinburchel.

From Weekly Drilling Records

P.P.H. 102.

Location. 150' (approx) S.W. of Government No. 1. bore Ph. of Glenelg

Spudded. 16 May 1939 (at 1476' Dec 1939).

Abandoned. 30 Jan 1940.

Drilled by Southern States Drilling Co. Pty. Ltd.

Water at 43'

Casing 8" @ 964'. 6" @ 1520'.

DEPT. NAT. RES & ENV



PE903758

NEILSON BORE No 1

(PRODUCING OIL FIELDS ETC)

Position of this BORE is 150 Feet (approx) South West
of Government No 1 BORE PARISH of GLENELG, COUNTIES
OF FOLLETT & NORMANBY. MW

9/2/47

WEEKLY
REPORTS

PE903761

Telegrams & Cables
"Oilwell" Melbourne

Telephone WU4927

SOUTHERN STATES DRILLING CO. PTY. LTD.

Boring Contractors
Water Supply Engineers

Miller House,
357 Little Collins St.
Melbourne. C.1.

WEEKLY STRATA REPORT

At NELSON

For... Western Oil Ltd.

Report for week ending 20/5/39 Bore cased to feet with diameter

Bore No. 1

Bore commenced: 16/5/39

Strata	Thickness Ft. Ins.	Depth Ft. Ins.	Remarks
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Limestone	108 ..	108 ..	Struck water at 43 ft.
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Depth of bore 108 Ft.

..... H.E. Stafford Contractor's Foreman

Checked and found correct by: Max Steinbuechel

Company's Supervisor

Telegrams & Cables
"Oilwell" Melbourne

Telephone MU4927

SOUTHERN STATES DRILLING CO. PTY. LTD.

Boring Contractors
Water Supply Engineers

Miller House,
357 Little Collins St.
Melbourne. C.1.

WEEKLY STRATA REPORT

At NELSON For Western Oil

Report for week ending 27/5/39 Bore cased to feet with diameter

Bore No. 1

Bore commenced: 16/5/39

Strata	Thickness Ft. Ins.	Depth Ft. Ins.	Remarks
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Limestone with bands of flint	162 ..	270 ..	
----------------------------------	--------	--------	--

Depth of bore 270 ft. H.E. Stafford.....Contractor's Foreman
Checked and found correct by: Max Steinbuechel.....
Company's Supervisor

Telegrams & Cables
"Oilwell" Melbourne

Telephone MU4927

SOUTHERN STATES DRILLING CO. PTY. LTD.

Boring Contractors
Water Supply Engineers

Miller House,
357 Little Collins St.
Melbourne, C.1.

WEEKLY STRATA REPORT

At NELSON

For Western Petroleum & Producing
Oilfields

Report for week ending 3/6/39 Bore cased to feet with diameter

Bore No. 1

Bore commenced: 16/5/39

Strata	Thickness Ft. Ins.	Depth Ft. Ins.	Remarks
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Limestone with flint bands	110 ..	380 ..	
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Depth of bore 380 ft. H.E. Stafford Contractor's Foreman

Checked and found correct by: Max Steinbuechel

Company's Supervisor

Telegrams & Cables
"Oilwell" Melbourne

Telephone MU4927

SOUTHERN STATES DRILLING CO. PTY. LTD.

Boring Contractors
Water Supply Engineers

Miller House,
357 Little Collins St.
Melbourne. C.1.

WEEKLY STRATA REPORT

At NELSON

For..... Western Petroleum & Producing Oilfield

Report for week ending 9/6/39 Bore cased to feet with diameter

Bore No. 1

Bore commenced: 16/5/39

Strata	Thickness Ft. Ins.	Depth Ft. Ins.	Remarks
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Limestone, marl and flint bands	200 -	580 --	
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Depth of bore 580 ft. H.E. Stafford
.....Contractor's Foreman

Checked and found correct by: Max Steinbuchel.....

Company's Supervisor

Telegrams & Cables
"Oilwell" Melbourne

Telephone MU4827

SOUTHERN STATES DRILLING CO. PTY. LTD.

Boring contractors
Water supply engineers

Miller House,
357 Little Collins Street,
Melbourne.

WEEKLY STRATA REPORT

At Nelson

For Western Petroleum &
Producer Oilfields

Report for week ending 16/6/39 3300 cased to feet with diameter

Bore No.

16/5/39

Bore commenced

Strata	Thickness		Depth		Remarks
	Ft.	Ins.	Ft.	Ins.	
Soft Limestone	15		595		
Hard Limestone	18		613		
Soft Limestone	22		635		
Marl and flint bands	127		762		

Depth of bore

ft.

.....Contractor's foreman

Checked and found correct by:

762

H.E. STAFFORD

.....Company's Supervisor

Max Steinbuechel

Telegrams & Cables
"Oilwell" Melbourne

Telephone MU4327

SOUTHERN STATES DRILLING CO. PTY.LTD.

Boring contractors
Water supply engineers

Miller House,
357 Little Collins Street,
Melbourne.

WEEKLY STRATA REPORT

At Nelson

For Western Petroleum &
Producers' Oilfields Ltd.

23/6/39

Report for week ending Bore cased to feet with diameter

Bore No. 16/5/39

Bore commenced

Strata	Thickness		Depth		Remarks
	Ft.	Ins.	Ft.	Ins.	
Marl and flint bands	55		817		

Depth of bore

ft.

.....Contractor's foreman

817

Checked and found correct by:
H.E. STAFFORD

.....Company's Supervisor

Max Steinbuechel

MINES DEPARTMENT.
Victoria.MINES (PETROLEUM) ACT 1935.
Section 45.

Record of work at NELSON NO. 1 bore on
 * Petroleum Prospecting Licence Number ... 90 (P. 2) ... during week
~~Petroleum Mineral Lease~~
 ending 20th May 1939.....

Depth

Description of Strata

108 feet

Limestone

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Struck water at 43 feet

Signed

Legal Manager, PRODUCING OILFIELDS LIMITED
Date 20. / 5. / 39.

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

Section 19. (1) (a) The holder of a licence shall employ in drilling operations only such methods of drilling as are capable of yielding a core or other samples as is or are prescribed or is or are approved by the Minister.

(b) All cores or samples so obtained shall be preserved by the holder of the licence for a period of not less than twelve months.

(2) In the event of water associated with a petroleum deposit being encountered in the course of drilling operations, the holder of the licence shall immediately report the same in writing to the Minister and state the steps taken to deal with it.

(3) In the event of the continuance of drilling operations after water has been encountered as aforesaid, the holder of the licence shall shut off all water so encountered and take such other steps as may be prescribed.

(4) In the event of traces of petroleum, including natural gas, appearing during drilling operations, the holder of the licence shall immediately report the same to the Minister, and shall carry out such operations to test the extent and value of the occurrence of such petroleum as may be approved by the Minister.

(5) In the event of preliminary tests indicating the probability of payable petroleum, the holder of the licence shall -

(a) immediately report thereon to the Minister in writing; and

(b) carry out thereafter such operations as may be necessary to test the value of the occurrence of such petroleum as may be approved by the Minister.

Section 48. Every licensee and every lessee, unless in any case wholly or partially excused from so doing by the Minister, shall properly case each well with casing in accordance with the best approved methods, landing and effectually cementing one or more strings of the casing in clay or other water-impervious strata or formation between all water-bearing sands or strata and any underlying petroleum deposit, and generally shall take all such steps as are reasonably necessary for effectually shutting off all water overlying and underlying the petroleum deposits, and for effectually preventing any water from penetrating such petroleum deposits.

MINES DEPARTMENT.
Victoria.

MINES (PETROLEUM) ACT 1935.
Section 45.

Record of work at NELSON NO. 1 bore on

* Petroleum Prospecting Licence Number ~~90~~ 602, during week
~~Petroleum Mineral Lease~~
ending 27th May 19 39.....

Depth	Description of Strata
270 feet	Limestone with bands of flint

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Signed *Bruce Johnson*
Legal Manager PROSPECTING OILFIELDS LIMITED
Date 27/5/39.

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

MINES DEPARTMENT.
Victoria.

M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

Record of work at NELSON NO. 1 bore on
~~Petroleum Mineral Lease~~ Petroleum Prospecting Licence Number ~~80~~ 1021 during week
ending 3rd June 1939

Depth Description of Strata

380 feet Limestone with flint bands

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Signed *Paul A. Miller*

Legal Manager Coy
Date .. 3 / .. 6 / .. 39.

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

Section 19. (1) (a) The holder of a licence shall employ in drilling operations only such methods of drilling as are capable of yielding a core or other samples as is or are prescribed or is or are approved by the Minister.

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(2) In the event of water associated with a petroleum deposit being encountered in the course of drilling operations, the holder of the licence shall immediately report the same in writing to the Minister and state the steps taken to deal with it.

(3) In the event of the continuance of drilling operations after water has been encountered as aforesaid, the holder of the licence shall shut off all water so encountered and take such other steps as may be prescribed.

(4) In the event of traces of petroleum, including natural gas, appearing during drilling operations, the holder of the licence shall immediately report the same to the Minister, and shall carry out such operations to test the extent and value of the occurrence of such petroleum as may be approved by the Minister.

(5) In the event of preliminary tests indicating the probability of payable petroleum, the holder of the licence shall -

(a) immediately report thereon to the Minister in writing; and

(b) carry out thereafter such operations as may be necessary to test the value of the occurrence of such petroleum as may be approved by the Minister.

Section 48. Every licensee and every lessee, unless in any case wholly or partially excused from so doing by the Minister, shall properly case each well with casing in accordance with the best approved methods, landing and effectually cementing one or more strings of the casing in clay or other water-impervious strata or formation between all water-bearing sands or strata and any underlying petroleum deposit, and generally shall take all such steps as are reasonably necessary for effectually shutting off all water overlying and underlying the petroleum deposits, and for effectually preventing any water from penetrating such petroleum deposits.

MINES DEPARTMENT.
Victoria.

M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

Record of work at NELSON NO. 1 bore on

* Petroleum Prospecting Licence Number ..~~99~~..1071.. during week
~~Petroleum Mineral Lease~~
ending 9th June 19³⁹.....

Depth Description of Strata

580 feet Limestone, marl and flint bands

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Signed *Paul Smith*

Legal Manager Coy
Date ..9../.6../.39

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

MINES DEPARTMENT.
Victoria.

M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

Record of work at ... NELSON NO. 1 bore on
* Petroleum Prospecting Licence Number ... ~~1021~~ 1021 ... during week
~~Petroleum Mineral Lease~~
ending 16th June 19 39

Depth	Description of Strata
595 feet	Soft Limestone
613 "	Hard Limestone
635 "	Soft Limestone
762 "	Marl and flint bands

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Signed
Legal Manager PRODUCING OILFIELDS LIMITED
Date .16./..6./..39. Coy

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

Section 19. (1) (a) The holder of a licence shall employ in drilling operations only such methods of drilling as are capable of yielding a core or other samples as is or are prescribed or is or are approved by the Minister.

(b) All cores or samples so obtained shall be preserved by the holder of the licence for a period of not less than twelve months.

(2) In the event of water associated with a petroleum deposit being encountered in the course of drilling operations, the holder of the licence shall immediately report the same in writing to the Minister and state the steps taken to deal with it.

(3) In the event of the continuance of drilling operations after water has been encountered as aforesaid, the holder of the licence shall shut off all water so encountered and take such other steps as may be prescribed.

(4) In the event of traces of petroleum, including natural gas, appearing during drilling operations, the holder of the licence shall immediately report the same to the Minister, and shall carry out such operations to test the extent and value of the occurrence of such petroleum as may be approved by the Minister.

(5) In the event of preliminary tests indicating the probability of payable petroleum, the holder of the licence shall -

(a) immediately report thereon to the Minister in writing; and

(b) carry out thereafter such operations as may be necessary to test the value of the occurrence of such petroleum as may be approved by the Minister.

Section 48. Every licensee and every lessee, unless in any case wholly or partially excused from so doing by the Minister, shall properly case each well with casing in accordance with the best approved methods, landing and effectually cementing one or more strings of the casing in clay or other water-impervious strata or formation between all water-bearing sands or strata and any underlying petroleum deposit, and generally shall take all such steps as are reasonably necessary for effectually shutting off all water overlying and underlying the petroleum deposits, and for effectually preventing any water from penetrating such petroleum deposits.

MINES DEPARTMENT.
Victoria.

M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

Record of work at NELSON NO. 1 bore on

* ~~Petroleum Mineral Lease~~ Petroleum Prospecting Licence Number ... 95/102 ... during week
ending 23rd June 19 39

Depth	Description of Strata
817 feet	Marl and flint bands

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Signed *Paul S. Miller*

Legal Manager
Date .. 23 / 6 / 39 ..

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

MINES DEPARTMENT.
Victoria.

MINES (PETROLEUM) ACT 1935.
Section 45.

Record of work at NELSON NO. 1 bore on
* ~~Petroleum~~ ~~Prospecting~~ ~~Licence~~ ~~Number~~ ~~201021~~ during week
~~Petroleum Mineral Lease~~
ending 27th June 1939.....

Depth Description of Strata

825 feet

Marl and flint bands

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Signed *Paul J. Adams*

Legal Manager PRODUCING OILFIELDS LIMITED
Date 27 / 6 / 39

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

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MINES DEPARTMENT.

Victoria.

M I N E S (P E T R O L E U M) A C T 1935.

Section 45.

Record of work at ... NELSON No. 1 bore on
* Petroleum Prospecting Licence Number ~~70~~ / 021. during week
~~Petroleum Mineral Lease~~
ending 4th July 1939.....

Depth	Description of Strata
845 feet	Marl
853 "	Brown clay and gravel
858 "	Fine and coarse sand

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Signed *Paul S. Miller*

Legal Manager PRODUCING OILFIELDS LIMITED
Date .4.../.7.../..39

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

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MINES DEPARTMENT.
Victoria.

M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

Record of work at ..NELSON NO.: 1..... bore on
* Petroleum Prospecting Licence Number~~102~~..... during week
~~Petroleum Mineral Lease~~
ending 11th July 19³⁹

Depth Description of Strata

858 feet No footage, running casing

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

cased to 720' with 8" diameter

Signed *Paul Archer*

Legal Manager *Paul Archer* Coymiter
Date/...../.....

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

Section 19. (1) (a) The holder of a licence shall employ in drilling operations only such methods of drilling as are capable of yielding a core or other samples as is or are prescribed or is or are approved by the Minister.

(b) All cores or samples so obtained shall be preserved by the holder of the licence for a period of not less than twelve months.

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(a) immediately report thereon to the Minister in writing; and

(b) carry out thereafter such operations as may be necessary to test the value of the occurrence of such petroleum as may be approved by the Minister.

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MINES DEPARTMENT.
Victoria.

M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

Record of work at ... NELSON No. 1 bore on
* ~~Petroleum Prospecting Licence~~ Number ^{90/102} during week
~~Petroleum Mineral Lease~~
ending 25th July 19 39....

Depth	Description of Strata
921	Coarse sand
925	Cemented sand
928	Coarse sand

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 928 feet with 8" diameter

Signed 

Legal Manager PRODUCING OILFIELDS LTD.
Date .28./...7./...39

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

MINES DEPARTMENT.
Victoria.

15. AUG. 1939

M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

Record of work at ... NELSON NO. 1 bore on
* Petroleum Prospecting Licence Number 102 during week
~~Petroleum Minerals Lease~~
ending 1st August 19³⁹.....

Depth Description of Strata

963 ft. Coarse sand with
bands of cemented sand

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 963' with 8" diameter

Signed *Paul Jackson*

Legal Manager PRODUCING OILFIELDS LIMITED
Date ..14./8../39.

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

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MINES DEPARTMENT.
Victoria.

M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

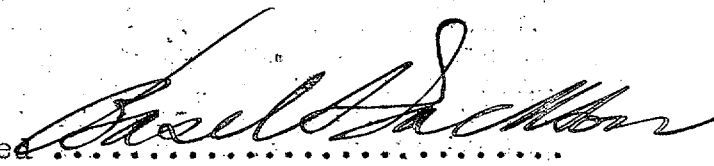
Record of work at NELSON NO. 1 bore on
* ~~Petroleum Mineral Lease~~ Petroleum Prospecting Licence Number 102 during week
ending 8th August 19 39

Depth Description of Strata

964 ft. Sand
975 " Sandy clay

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 964 ft. with 8" diameter

Signed 

Legal Manager PRODUCING OILFIELDS LTD.
Date .. 21/.. 8./.. 39.

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

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MINES DEPARTMENT.
Victoria.

M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

Record of work at NELSON NO. 1 bore on
* Petroleum Prospecting Licence Number 102 during week
~~Petroleum Mineral Lease~~
ending 15th August 19 39.....

Depth Description of Strata

986 ft. Puggy clay

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 964 ft. with 8" diameter

Signed 

Legal Manager PRODUCING OILFIELDS LTD. Coy

Date 21 / 8 / 39

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

0-0-0-0-0-0-0

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

Section 19: (1) (a) The holder of a licence shall employ in drilling operations only such methods of drilling as are capable of yielding a core or other samples as is or are prescribed or is or are approved by the Minister.

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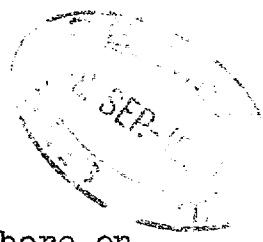
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MINES DEPARTMENT.
Victoria.

M I N E S (P E T R O L E U M) A C T 1935.
Section 45.



Record of work at NELSON bore on
* Petroleum Prospecting Licence Number 102
~~Mineral Lease~~ during week
ending 22/8/39 19

Depth	Description of Strata
1004	Sandy clay

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 964' with 8" diameter

Signed *Paul A. ...*

Legal Manager PRODUCING OILFIELDS LTD.
Date 1.../...9./..39.

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

MINES DEPARTMENT.
Victoria.



MINES (PETROLEUM) ACT 1935.
Section 45.

Record of work at NELSON bore on
* Petroleum Prospecting Licence Number 102 during week
~~Petroleum Prospecting Licence~~
ending 29th August 19 39

Depth Description of Strata

1041 Sandy clay

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 963' with 8" diameter

Signed
Legal Manager PRODUCING OILFIELDS LTD.
Date ..18./..9./..39.

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

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MINES DEPARTMENT.
Victoria.

M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

Record of work at ... NELSON bore on
* Petroleum Prospecting Licence Number ... 102 during week
~~Petroleum Minerals Lease~~
ending 5th September 19 39

Depth	Description of Strata
1072	Sandy clay
1078	Fine sand and gravel

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 964' with 8" diameter

Signed *[Signature]*
Legal Manager PRODUCING OILFIELDS LTD.
Date .18./9./39..

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

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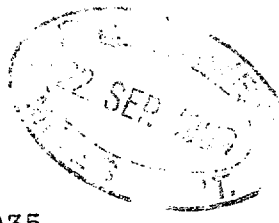
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MINES DEPARTMENT.
Victoria.

MINES (PETROLEUM) ACT 1935.
Section 45.

Record of work at NELSON bore on
* Petroleum Prospecting Licence Number 102 during week
~~Record of work at~~
ending 12th September 19 39

Depth Description of Strata

1094 Fine sand

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Ran 6" casing to 1094'

Wm Moore *22.9.39*
Wm Casell

Signed
Legal Manager PRODUCING OILFIELDS LTD.
Date ..18./9./39.

* Strike out words not applicable.
Analyses of water, gas and oil should be submitted if available.
0-0-0-0-0-0-0

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

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MINES DEPARTMENT.
Victoria.

M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

Record of work at NELSON bore on
* Petroleum Prospecting Licence Number 102 during week
~~Petroleum Prospecting Licence~~
ending 19th September 19 39

Depth	Description of Strata
1115 feet	Fine sand
1130 "	Layer of clay with seams of fine sand
1132 "	Sandstone
1150 "	Sandy clay

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 964 feet with 8" diameter
" " 1150 " 6" "

Signed *[Signature]*
Legal Manager PRODUCING OILFIELDS LTD.
Date 29th 9/39

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

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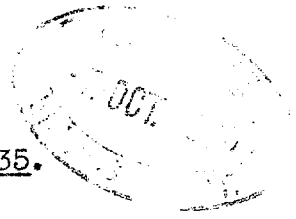
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MINES DEPARTMENT.
Victoria.



M I N E S (P E T R O L E U M) - A C T 1935.
Section 45.

Record of work at ... NELSON bore on
* ~~Petroleum~~ ~~Prospecting~~ ~~Licence~~ ~~Number~~ 102 during week
~~Petroleum~~ ~~Prospecting~~ ~~Licence~~
ending 26th September 19 39

Depth	Description of Strata
1 1170 feet	Sandy clay
1172 "	Gravel
1174 "	Brown Clay
1180 "	Gravel and sand
1183 "	Fine sand

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 964 feet with 8" diameter
" " 1183 " 6" "

*To Mr Brooll
also
19/10/39*

Signed *W. J. Lambie*
Legal Manager, PRODUCING OILFIELDS LIMITED
Date 2nd / 10 / 39

* Strike out words not applicable.
Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

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MINES DEPARTMENT.

Victoria.

MINES (PETROLEUM) ACT 1935.

Section 45.

Record of work at NELSON bore on

* Petroleum Prospecting Licence Number 102 during week

~~Petroleum Mineral Lease~~
ending ... 10th October 19 39

Depth	Description of Strata
-------	-----------------------

1185	Fine sand
1190	Layers of clay and gravel
1208	Layers of clay and fine sand

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 964' with 8" diameter

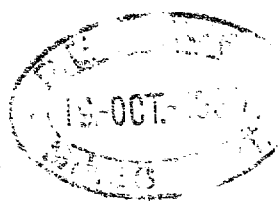
" " 1201' " 6" "

Signed *Max Stanbich*

Legal Manager PRODUCING OILFIELDS LTD.
Date 14./10./39

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.



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MINES DEPARTMENT.
Victoria.



M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

Record of work at NELSON bore on

* Petroleum Prospecting Licence Number 102
~~XXXXXXXXXXXXXXXXXXXX~~ during week
ending 17th October 1939.....

Depth Description of Strata

1273 feet Sandy clay

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 964 ft. with 8" diameter
" " 1261 ft. " 6" "

Signed *Max Stamburgh*

Legal Manager PRODUCING OILFIELDS LIMITED
Date .1../.11./..39

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

Section 19. (1) (a) The holder of a licence shall employ in drilling operations only such methods of drilling as are capable of yielding a core or other samples as is or are prescribed or is or are approved by the Minister.

(b) All cores or samples so obtained shall be preserved by the holder of the licence for a period of not less than twelve months.

(2) In the event of water associated with a petroleum deposit being encountered in the course of drilling operations, the holder of the licence shall immediately report the same in writing to the Minister and state the steps taken to deal with it.

(3) In the event of the continuance of drilling operations after water has been encountered as aforesaid, the holder of the licence shall shut off all water so encountered and take such other steps as may be prescribed.

(4) In the event of traces of petroleum, including natural gas, appearing during drilling operations, the holder of the licence shall immediately report the same to the Minister, and shall carry out such operations to test the extent and value of the occurrence of such petroleum as may be approved by the Minister.

(5) In the event of preliminary tests indicating the probability of payable petroleum, the holder of the licence shall -

(a) immediately report thereon to the Minister in writing; and

(b) carry out thereafter such operations as may be necessary to test the value of the occurrence of such petroleum as may be approved by the Minister.

Section 48. Every licensee and every lessee, unless in any case wholly or partially excused from so doing by the Minister, shall properly case each well with casing in accordance with the best approved methods, landing and effectually cementing one or more strings of the casing in clay or other water-impervious strata or formation between all water-bearing sands or strata and any underlying petroleum deposit, and generally shall take all such steps as are reasonably necessary for effectually shutting off all water overlying and underlying the petroleum deposits, and for effectually preventing any water from penetrating such petroleum deposits.

MINES DEPARTMENT.
Victoria.



MINES (PETROLEUM) ACT 1935.
Section 45.

Record of work at NELSON bore on
* Petroleum Prospecting Licence Number 102 during week
~~XXXXXXXXXXXXXXXXXXXX~~
ending 24th October 1939.

Depth Description of Strata

1286 feet

Sandy clay

- 2. Mr. Wright
- 3. Mr. Cook

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 964 ft. with 8" diameter
" " 1281 ft. " 6" diameter

Signed

Legal Manager PRODUCING OIL FIELDS LTD.
Date 11/11/39.

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

Section 19. (1) (a) The holder of a licence shall employ in drilling operations only such methods of drilling as are capable of yielding a core or other samples as is or are prescribed or is or are approved by the Minister.

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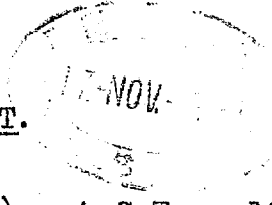
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MINES DEPARTMENT.
Victoria.



M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

Record of work at NELSON bore on
* Petroleum Prospecting Licence Number 102
~~Petroleum Prospecting Licence~~ during week
ending 31st October 1939

Depth Description of Strata

1312 Sandy clay

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 964 feet with 8" diameter

" 1305 " " 6" "

Signed

Legal Manager PRODUCING OILFIELDS LTD.

Date 15/10/39

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

Section 19. (1) (a) The holder of a licence shall employ in drilling operations only such methods of drilling as are capable of yielding a core or other samples as is or are prescribed or is or are approved by the Minister.

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MINES DEPARTMENT.
Victoria.

NOV-30

M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

Record of work at NELSON bore on

* ~~Petroleum~~ ~~Prospecting~~ ~~Licence~~ ~~Number~~ 102 during week
~~Petroleum~~ ~~Mineral~~ ~~Lease~~ ~~Number~~
ending 7th November 19 39

Depth Description of Strata

1320 feet Fine sand

Return dated 21.11.39

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 964 feet with 8" diameter

" " 1320 " " 6" "

Signed *[Signature]*

Legal Manager PRODUCING OILFIELDS LTD.
Date ..15../..11../..39.

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

Section 19. (1) (a) The holder of a licence shall employ in drilling operations only such methods of drilling as are capable of yielding a core or other samples as is or are prescribed or is or are approved by the Minister.

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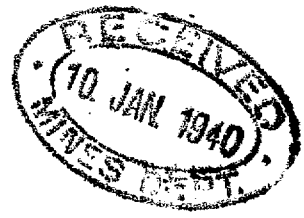
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MINES DEPARTMENT.
Victoria.

M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

Record of work at NELSON bore on
* Petroleum Prospecting Licence Number 102 during week
~~Petroleum Mineral Lease~~
ending 14th November 19 39.....

Depth.	Description of Strata
1360 feet	Fine sand and layers of clay

See report of 17/11/39

14th Nov

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 964 feet with 8" diameter
" " 1353 " 6" "

Signed *Max Steinbrink*
Legal Manager, PRODUCING OILFIELDS LTD.
Date 23/11/39

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

Section 19. (1) (a) The holder of a licence shall employ in drilling operations only such methods of drilling as are capable of yielding a core or other samples as is or are prescribed or is or are approved by the Minister.

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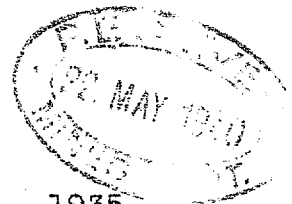
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MINES DEPARTMENT.
Victoria.



M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

Record of work at NELSON NO. 1 bore on

* ~~Petroleum Prospecting Licence~~ Number102..... during week
~~Petroleum Mineral Lease~~
ending 21/11/39 19

Depth	Description of Strata
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No boring done for week

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 964' with 8" diameter

" " 1352' " 6" "

Signed *John C Mackay*
Legal Manager PRODUCING OILFIELDS LTD.
Date 19.../12../39.

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

Section 19. (1) (a) The holder of a licence shall employ in drilling operations only such methods of drilling as are capable of yielding a core or other samples as is or are prescribed or is or are approved by the Minister.

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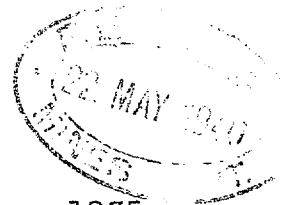
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MINES DEPARTMENT.
Victoria.



M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

Record of work at NELSON bore on

* Petroleum Prospecting Licence Number 102 during week
~~Petroleum Prospecting Licence~~
ending ... 28th November 19 39

Depth	Description of Strata
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1377 feet	Layers of sand and clay
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Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 964 ft. with 8" diameter
" " to 1345 ft. with 6" diameter

John C. Mackay

Signed PRODUCING OILFIELDS LTD.

Legal Manager Coy
Date ..12./..12./..39.

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

Section 19. (1) (a) The holder of a licence shall employ in drilling operations only such methods of drilling as are capable of yielding a core or other samples as is or are prescribed or is or are approved by the Minister.

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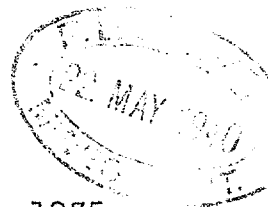
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MINES DEPARTMENT.
Victoria.



M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

Record of work at NELSON bore on

* ~~Petroleum Prospecting Licence~~ Number 102 during week
~~Petroleum Mineral Lease~~
ending 5th December 19 39

Depth Description of Strata

1402 ft.	Layers of sand and clay
1420 "	Puggy clay
1428 "	Fine sand

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 964 ft. with 3" diameter
" " 1345 ft. with 6" diameter

Signed

John C. Mackay

Legal Manager PRODUCING OILFIELDS LTD.

Date .12./..12./..39

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

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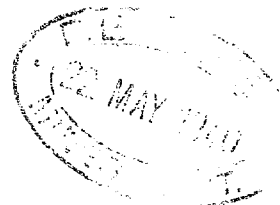
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MINES DEPARTMENT.
Victoria.



M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

Record of work at NELSON bore on

* Petroleum Prospecting Licence Number 102 during week
~~Petroleum Mineral Lease~~
ending 12th December 19 39

Depth Description of Strata

1476 feet layers of sand and clay

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 964 ft. with 8" diameter

" " 1345 " " 6" "

Signed *John C. Mackay*

Legal Manager PRODUCING OILFIELDS LTD. Coy

Date 19. / . 12. / . 39.

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

Section 19. (1) (a) The holder of a licence shall employ in drilling operations only such methods of drilling as are capable of yielding a core or other samples as is or are prescribed or is or are approved by the Minister.

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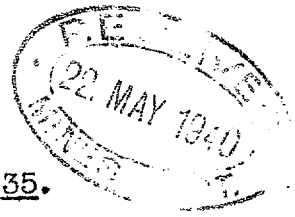
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- ~~1. ...~~
- 2. *McKinnon*
- 3. *McCull*

MINES DEPARTMENT.
Victoria.



MINES (PETROLEUM) ACT 1935.
Section 45.

NELSON

Record of work at bore on
 * Petroleum Prospecting Licence Number 102
~~Petroleum Mineral Lease~~
 ending 19th December 19 39.....

Depth	Description of Strata
-------	-----------------------

No footage - freeing casing up and trying to get
 it to follow down

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 964' with 8" diameter
 " " "1375' " 6" "

Signed *John C. Mackay*
 Legal Manager PRODUCING OILFIELDS LTD. Coy
 Date ..3./..1./..40.

* Strike out words not applicable.
 Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

MOTION

Section 19. (1) (a) The holder of a licence shall employ in drilling operations only such methods ~~as are~~ ^{as are} capable of yielding a core or other samples as is or are prescribed or is or are approved by the Minister.

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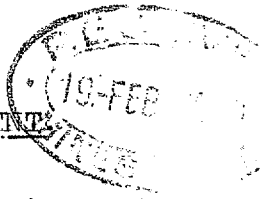
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MINES DEPARTMENT
Victoria.

M I N E S (P E T R O L E U M) A C T 1935.
Section 45.

Record of work at NELSON NO. 1 BORE bore on

* Petroleum Prospecting Licence Number 102 during week
~~Petroleum Mineral Lease~~
ending 22nd January 19 40

Depth Description of Strata

Running 5" casing

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 964' with 8" diameter

" " 1520' " 6" "

Signed *Max Steinbeck*

Legal Manager PRODUCING OIL FIELDS LTD.
Date 6./2./40

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

Section 19. (1) (a) The holder of a licence shall employ in drilling operations only such methods of drilling as are capable of yielding a core or other samples as is or are prescribed or is or are approved by the Minister.

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(2) In the event of water associated with a petroleum deposit being encountered in the course of drilling operations, the holder of the licence shall immediately report the same in writing to the Minister and state the steps taken to deal with it.

(3) In the event of the continuance of drilling operations after water has been encountered as aforesaid, the holder of the licence shall shut off all water so encountered and take such other steps as may be prescribed.

(4) In the event of traces of petroleum, including natural gas, appearing during drilling operations, the holder of the licence shall immediately report the same to the Minister, and shall carry out such operations to test the extent and value of the occurrence of such petroleum as may be approved by the Minister.

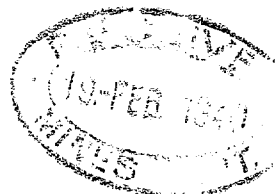
(5) In the event of preliminary tests indicating the probability of payable petroleum, the holder of the licence shall -

(a) immediately report thereon to the Minister in writing; and

(b) carry out thereafter such operations as may be necessary to test the value of the occurrence of such petroleum as may be approved by the Minister.

Section 48. Every licensee and every lessee, unless in any case wholly or partially excused from so doing by the Minister, shall properly case each well with casing in accordance with the best approved methods, landing and effectually cementing one or more strings of the casing in clay or other water-impervious strata or formation between all water-bearing sands or strata and any underlying petroleum deposit, and generally shall take all such steps as are reasonably necessary for effectually shutting off all water overlying and underlying the petroleum deposits, and for effectually preventing any water from penetrating such petroleum deposits.

MINES DEPARTMENT.
Victoria.



MINES (PETROLEUM) ACT 1935.
Section 45.

Record of work at NELSON NO. 1 BORE bore on
* ~~Petroleum Mineral Lease~~ Petroleum Prospecting Licence Number 102 during week
ending 30th January 1940

Depth	Description of Strata
1535 feet	drilled 15 feet layers of sand and clays

Notes by Driller in Charge (State in notes, whether water, gas, or petroleum has been met with, and, if so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. N.B. The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.)

Bore cased to 964 ' with 8" diameter
" " 1520 ' " 6" "

Finished running 5" casing and cleared out hole

Signed Max Stimbuck
Legal Manager PRODUCING OILFIELDS LTD.
Date 6/2/40

* Strike out words not applicable.

Analyses of water, gas and oil should be submitted if available.

EXTRACT FROM MINES (PETROLEUM) ACT 1935.

Section 19. (1) (a) The holder of a licence shall employ in drilling operations only such methods of drilling as are capable of yielding a core or other samples as is or are prescribed or is or are approved by the Minister.

(b) All cores or samples so obtained shall be preserved by the holder of the licence for a period of not less than twelve months.

(2) In the event of water associated with a petroleum deposit being encountered in the course of drilling operations, the holder of the licence shall immediately report the same in writing to the Minister and state the steps taken to deal with it.

(3) In the event of the continuance of drilling operations after water has been encountered as aforesaid, the holder of the licence shall shut off all water so encountered and take such other steps as may be prescribed.

(4) In the event of traces of petroleum, including natural gas, appearing during drilling operations, the holder of the licence shall immediately report the same to the Minister, and shall carry out such operations to test the extent and value of the occurrence of such petroleum as may be approved by the Minister.

(5) In the event of preliminary tests indicating the probability of payable petroleum, the holder of the licence shall -

(a) immediately report thereon to the Minister in writing; and

(b) carry out thereafter such operations as may be necessary to test the value of the occurrence of such petroleum as may be approved by the Minister.

Section 48. Every licensee and every lessee, unless in any case wholly or partially excused from so doing by the Minister, shall properly case each well with casing in accordance with the best approved methods, landing and effectually cementing one or more strings of the casing in clay or other water-impervious strata or formation between all water-bearing sands or strata and any underlying petroleum deposit, and generally shall take all such steps as are reasonably necessary for effectually shutting off all water overlying and underlying the petroleum deposits, and for effectually preventing any water from penetrating such petroleum deposits.