

W459

DEPT. NAT. RES & ENV



PE904232

EKBERG - 1.

EKBERG-1
WELL SUMMARY

EKBERG NO 1
W459

PE904233

This is an enclosure indicator page.
The enclosure PE904233 is enclosed within the
container PE904232 at this location in this
document.

The enclosure PE904233 has the following characteristics:

ITEM_BARCODE = PE904233
CONTAINER_BARCODE = PE904232
NAME = well card
BASIN = GIPPSLAND
PERMIT =
TYPE = WELL
SUBTYPE = well card
DESCRIPTION = well card Exberg 1
REMARKS =
DATE_CREATED = 20/04/1959
DATE_RECEIVED =
W_NO = W459
WELL_NAME = Ekberg 1
CONTRACTOR = Dome Oil & Minerals
CLIENT_OP_CO = Dome Oil & Minerals

(Inserted by DNRE - Vic Govt Mines Dept)

GEORGE MILTON

"WESTCHESTER"
SUITE 34
26 X ONSLOW AVENUE
ELIZABETH BAY
N.S.W. 35 5926
PHONE: 27 4857

PERSONAL

October 12, 1967

Mr. J. L. Knight,
Acting Director of
Geological Survey,
Department of Mines,
Treasury Place,
MELBOURNE, VICTORIA 3002

Dear Mr. Knight,

PETROLEUM IN THE BUCHAN AREA

Mr. Peter Kenley asked me whether I could ascertain for the Department the position of the petroleum drill hole previously undertaken in the Buchan area.

Percy Lord has made out a sketch for us of this particular drill which I enclose. The drilling was done at the time by W. L. Sides & Son Pty. Ltd., Melbourne, and we understand it went down to 1,200 feet. Would you be good enough to advise Mr. Kenley accordingly.

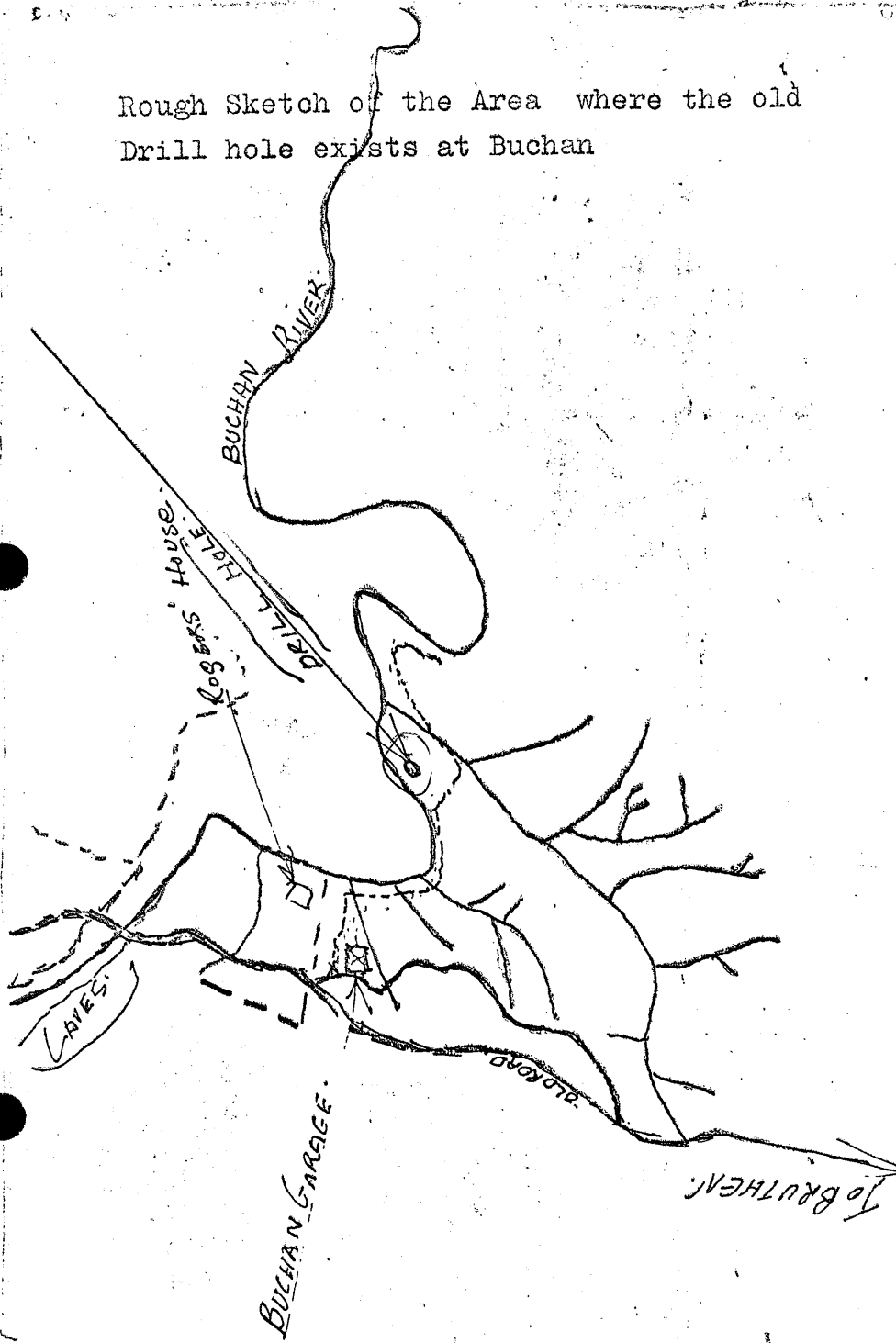
I also attach for your information copy of Mr. Whiting's letter of 5th October and my reply of even date.

With best personal regards,

Yours,



Rough Sketch of the Area where the old
Drill hole exists at Buchan



MINES DEPARTMENT

VICTORIA

Report No. 1.

6.5.59.

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at DOME NO. 5: bore on

* Petroleum Prospecting Licence Number ..246..... during week
* Petroleum Mineral Lease
ending ..2nd. May..... 1959.

DEPTH	DESCRIPTION OF STRATA
160 feet	HARD LIMESTONE (Marble)
	8" casing inserted to 12 feet

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.)

Drilling commenced 20th. April, 1959.

Drilling contractor - W.L. Sides & Son: P/L.

Dr. Baird
10.6.59

SIGNED ...L.C. Cooke.....

LEGAL MANAGER COY.

DOME OIL & MINERALS SYNDICATE NO LIABILITY

Date6...../.....5...../59.....

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT.

VICTORIA.

Report No. 2.

Mines (Petroleum) Act 1935.

SECTION 45.

Record of Work at DOME NO. 5. bore on

*Petroleum Prospecting Licence Number 246 during week
*Petroleum Mineral Lease

ending 9th. May, 1959.

DEPTH	DESCRIPTION OF STRATA
225'	HARD LIMESTONE (Marble)

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.)

Drilling done by Contractor. W.L. Sides & Son Pty.Ltd.

Signed DOME OIL & MINERALS SYNDICATE N.L.
422 Collins St., Melbourne,

Legal Manager L.C. Cooke, Coy.

Date 25 / 5 / 59

* Strike out words not applicable.

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

MINES DEPARTMENT.

VICTORIA.

Report No. 3.

Mines (Petroleum) Act 1935.

SECTION 45.

Record of Work at DOME NO. 5. bore on

*Petroleum Prospecting Licence Number 246 during week
*Petroleum Mineral Lease

ending 16 May, 1959.

DEPTH	DESCRIPTION OF STRATA
255'	HARD LIMESTONE (Marble)

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.)

Broke the Bridle and successfully fished the Drill
from bottom of hole.

Signed DOME OIL & MINERALS SYNDICATE N.L.
 422 Collins St., Melbourne.

Legal Manager L.C. COOKE. Coy.

Date 25 / 5 / 59

* Strike out words not applicable.

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

J.B. Brown

**EXTRACT FROM THE MINES (PETROLEUM) ACT 1935,
AS AMENDED BY THE MINES (PETROLEUM) ACT 1939.**

Section 19.—(1) 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.

(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 the Minister by notice in writing directs.

(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 45.—Every licensee and lessee shall keep a log, in the form prescribed by the Minister, of all the wells drilled by him showing the strata and character of the ground passed through by the drill, which log or a copy thereof shall from time to time be furnished to the Minister upon demand.

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.

EXTRACT FROM THE MINES (PETROLEUM) ACT 1939.

Section 7 (6).—Every licensee shall—

(a) retain for a period of not less than twelve months all cores obtained by drilling and representative samples of other specimens obtained from the land . . . and, when so required by the Minister, forward the same to the Minister.

MINES DEPARTMENT.

VICTORIA.

REPORT NO. 4.

Mines (Petroleum) Act 1935.
SECTION 45.

Record of Work at DOME NO. 5. bore on

*Petroleum Prospecting Licence Number 246 during week
*Petroleum Mineral Lease

ending 23 May, 1959.

DEPTH	DESCRIPTION OF STRATA
308'	HARD LIMESTONE (Marble)

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.)

Renewed the wire rope on 20th. May. Dark scum increasing at depth.

Signed DOME OIL & MINERALS SYNDICATE N.L.
422 Collins Street, Melbourne, C.1

Legal Manager L.C. COOKE. Coy.

Date 25/5/59

Dr. Baird
26/5/59

* Strike out words not applicable.

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

**EXTRACT FROM THE MINES (PETROLEUM) ACT 1935,
AS AMENDED BY THE MINES (PETROLEUM) ACT 1939.**

Section 19.—(1) 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.

(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 the Minister by notice in writing directs.

(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 45.—Every licensee and lessee shall keep a log, in the form prescribed by the Minister, of all the wells drilled by him showing the strata and character of the ground passed through by the drill, which log or a copy thereof shall from time to time be furnished to the Minister upon demand.

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.

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Section 7 (6).—Every licensee shall—

- (a) retain for a period of not less than twelve months all cores obtained by drilling and representative samples of other specimens obtained from the land . . . and, when so required by the Minister, forward the same to the Minister.

Copy
MINES DEPARTMENT

VICTORIA

(Duplicate Copy 816159)

Mines (Petroleum) Act, 1935,
Section 45.

Report No 5

Record of work at DOME N° 5 bore on

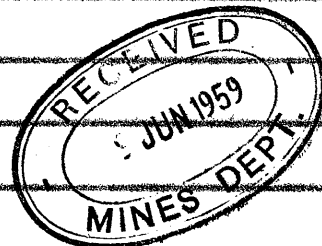
Petroleum Prospecting Licence Number 246 during week
Petroleum Mineral Lease ending 19.....

DEPTH

DESCRIPTION OF STRATA

332 feet

Hard limestone
(Marble)



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.)

Work proving slow by reason of frequent sharpening or replacing of bits

SIGNED L. Cooke

LEGAL MANAGER.....COX

DOME OIL & MINERALS SYNDICATE

NO LIABILITY

Date 30.5.59

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

*D. Brown
Ch. for name folder
10.6.59*

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

REPORT No. 7.

Record of Work at Dome No. 5. bore on

* Petroleum Prospecting Licence Number 246 during week
* ~~XXXXXXXXXXXXXXXXXXXX~~
ending ..13th June 1959.

DEPTH	DESCRIPTION OF STRATA
502 ft.	Black and white marble

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.)

*D. B. ...
16.6.59*

SIGNED L.C. Cooke.....

LEGAL MANAGER ..Dome Oil & Minerals Synd.. COY.
No Liability

Date ..16.../...6.../..59... .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Report No 8

Record of Work at DOME No. 5 bore on

* Petroleum Prospecting Licence Number..... 246 during week
* ~~Petroleum Mineral Lease~~ ending..... 20th June 19.59

DEPTH	DESCRIPTION OF STRATA
610 FT.	BLACK MARBLE

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.)

A stone fell in on top of the bales, possibly from the river bed, now fishing

SIGNED..... J. L. Cooke

LEGAL MANAGER..... COY.

DOME OIL & MINERALS SYNDICATE
NO LIABILITY

Date 22.1.6.1.59.

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Report No. 9.

Record of Work at DOME No. 5. bore on

* Petroleum Prospecting Licence Number 246 during week
* Petroleum Mineral Lease ending 27th. June, 1959.

DEPTH	DESCRIPTION OF STRATA
610 ft.	No further drilling

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.)

' STILL FISHING OUT BAILER.

J. Thomson
Copy of Report
30.6.59

SIGNED

LEGAL MANAGER L.C. Cooke COY.
Dome Oil and Minerals Syndicate No
Liability.

Date 29/6/59

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Report No. 10.

Record of Work at DOME No. 5..... bore on

* Petroleum Prospecting Licence Number 246 during week
* ~~Petroleum-Mineral-Lease~~ ending 4th July, 19.59.

DEPTH	DESCRIPTION OF STRATA
610 ft.	No further drilling

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.)

STILL FISHING OUT BAILER.

SIGNED L.C. Cooke.....

LEGAL MANAGER COY.

DOME OIL & MINERALS SYNDICATE NO LIABILITY.

Date ...13.../...7.../...59... .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

Dr. Baird's Copy for your file
14.9.59 *ADMS 17/7/59*

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Report No. 11.

Record of Work at DOME No. 5. bore on

* Petroleum Prospecting Licence Number 246 during week
~~* Petroleum Mineral Lease~~
ending 11th. July, 19⁵⁹..

DEPTH	DESCRIPTION OF STRATA
610 ft.	No further drilling.

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.)

Sinker Bar lifted about 6 feet. Gear not strong enough

Now putting in rods to lift with hydraulic jack.

SIGNED A. Tupper.

LEGAL MANAGER COY.
DOME OIL & MINERAL SYNDICATE NO LIABILITY.

Date 13 / 7 / 59

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

Dr. Bean
Copy of [unclear] file
14.7.59 *W.D.M.S. 18/7/59*

MINES DEPARTMENT

COPY.

VICTORIA

Report No.12.

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at DOME NO.5..... bore on

* Petroleum Prospecting Licence Number 246
~~* Petroleum Mineral Lease~~ during week
ending18th..July..... 1959.

DEPTH	DESCRIPTION OF STRATA
610 ft.	No further drilling

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.)

Unable to extract lost bailer so as it is five inches
in diameter with top pulled off, have decided to resume
boring through it.

Dr. [Signature]
Copy for [Signature]
22.7.59

SIGNED A. Tuppen
DOME OIL & MINERALS SYNDICATE NO LIABILITY.
LEGAL MANAGER COY.

Date 21 / 7 / 59 ..

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

(COPY)

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 193
Section 45.

Record of Work at Dome No. 5.

* Petroleum Prospecting Licence Number 246
* ~~Petroleum Prospecting Licence~~ Number
ending 25th July, 1959:

DEPTH	DESCRIPTION OF STRATA
636 feet	Black Marble
	Last 5 feet in slate

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.)

Site of well 3 ft. under water with flood which are
now clear. Drilling resumed. Lost bailer recovered.
Now drilling slate.

Handwritten signature and date: 29.7.59

SIGNED A. Tuppen
DOMO OIL AND MINERALS SYND.
LEGAL MANAGER NO LIABILITY COY.

Date 28 / 7 / 59

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

George H. B.

MINES DEPARTMENT

COPY.

VICTORIA

Mines (Petroleum) Act, 1935. Report No. 14.
Section 45.

Record of Work at DOME No. 5. bore on

* Petroleum Prospecting Licence Number 246 during week
~~* Petroleum Mineral Lease~~
ending 1st. August, 19.59.

DEPTH	DESCRIPTION OF STRATA
660 Ft.	Formation very hard mixture of calcite & silica.
	Now going through soft layers of calcite & Hard bars of mixture.
	Reducing hole to 5½ inches in diameter.

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.)

Dr. Thomas
Clg. for 11.8.59

SIGNED A. Tuppen.
LEGAL MANAGER DOME OIL & MINERALS SYNDICATE NO LIABILITY. COY.

Date 28 / 7 / 59

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Report No. 15.

Record of Work at DOME..NO..5..... bore on

* Petroleum Prospecting Licence Number 246
* Petroleum Mineral Lease during week
ending ...8th..August,..... 19.59.

DEPTH	DESCRIPTION OF STRATA
714 Ft.	

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.)

Passed through a layer of mudstone and silica containing microscopic fossilised worms. Now boring in pure bluish grey marble. Expect to deliver full range of samples on Monday.

Handwritten signatures and initials

SIGNED L.C. Cooke.
LEGAL MANAGER DOME OIL & MINERALS SYNDICATE
..... NO LIABILITY COY.

Date .13.../.8.../59... .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

COPY.

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Report No. 16.

Record of Work at DOME NO. 5 bore on

* Petroleum Prospecting Licence Number 246 during week
* ~~Petroleum Mineral Lease~~
ending 15th. August, 1959.

DEPTH	DESCRIPTION OF STRATA
760 ft.	Limestone and Mudstone

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.)

Dr. Thomas
17/8/59

SIGNED L.C. Cooke
DOME OIL & MINERALS SYNDICATE N.L.
LEGAL MANAGER COY.

Date 17 / 8 / 59

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935., Report No. 17
Section 45.

Record of Work at Dome No. 5 bore on

* Petroleum Prospecting Licence Number 246
* ~~Petroleum Minerals Lease~~ Number during week
ending ..22nd August..... 1959.

DEPTH	DESCRIPTION OF STRATA
800 ft	Mixture of Limestone & Mudstone
	with increasing quantity of
	halloysite as boring proceeds

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.)

*9th Shallow
11.9.59*

[Handwritten signature]

(SIGNED) *L. C. [Handwritten]*

LEGAL MANAGER COY.

DOME OIL & MINERALS SYNDICATE
NO LIABILITY

Date .26.../.8.../.59..

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

16.18

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at ... DOME No. 5 bore on

* Petroleum Prospecting Licence Number ... 246 during week
* ~~Return to the Minister~~
ending 29th August 1959.

DEPTH	DESCRIPTION OF STRATA
805 ft.	Limestone and Mudstone with halloysite as boring
	proceeds

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.)

Work slowed up - Driller sick

J. J. ...
9.9.59

SIGNED (Sgd.) *L. C. Cooke*

LEGAL MANAGER .Dome.Oil.&Minerals.Syndicate COY.
No Liability

Date ..8../..9../.1959 .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

No. 19

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at ... DOME No. 5 bore on

* Petroleum Prospecting Licence Number .246 during week
* ~~Petroleum Prospecting Licence~~
ending .. 5th. September, 19.59

DEPTH	DESCRIPTION OF STRATA
814 ft.	Limestone and Mudstone with halloysite as boring
	proceeds

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.)

Work slowed up - Driller sick

Dr. [Signature]
9.9.59

SIGNED *(Signature)*

LEGAL MANAGER DOME OIL & MINERALS COY.
SYNDICATE NO LIABILITY

Date 8..../..9../..1959 .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Report No. 20

Record of Work at DOME NO. 5 bore on

* Petroleum Prospecting Licence Number 246 during week
* ~~XXXXXXXXXXXXXXXXXXXX~~
ending 12. September 1959

DEPTH	DESCRIPTION OF STRATA
850 ft.	LIMESTONE & MUDSTONE

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.)

Boring still proceeding

J. Norman
16.9.59

SIGNED L.C. COOKE

LEGAL MANAGER Dome Oil & Minerals COY.
Syndicate No Liability

Date 14./...9./..1959 .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at DOME No. 5 bore on

* Petroleum Prospecting Licence Number 246 during week
* ~~Petroleum Mineral Lease~~
ending .19 September 19.59

DEPTH	DESCRIPTION OF STRATA
948 ft.	Limestone & Mudstone
	The Limestone formation has calcite and contains
	minute traces of mineral

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.)

J. Thomas
1.10.59

SIGNED *(Sgd) L. C. Cook*

LEGAL MANAGER DOME OIL & MINERALS SYNDICATE COY.
NO LIABILITY

Date .23.../...9../.1959 .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at D O M E NO. 5 bore on

* Petroleum Prospecting Licence Number 246 during week
* ~~Petroleum Prospecting Licence~~
ending 26th September 19.59

DEPTH	DESCRIPTION OF STRATA
948 ft. (as per last week's depth)	Work held up due to heavy rain and floods

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.)

D. M. ...
14.10.59

SIGNED L.C. COOKE

LEGAL MANAGER Dome Oil & Minerals Synd. COY.
No Liability

Date 13. / 10. / 1959 .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at D O M E NO. 5 bore on

* Petroleum Prospecting Licence Number 246 during week
* ~~Petroleum Mining Lease~~
ending 3rd October 19.59.

DEPTH	DESCRIPTION OF STRATA
984 ft.	Work resumed this week delayed by flooding
	of the Buchan area
	Limestone & Mudstone

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.)

J. J. [Signature]
14.10.59

SIGNED L.C. COOKE

LEGAL MANAGER Dome Oil & Minerals Synd. COY.
No. Liability

Date 13...../10...../1959 .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at D O M E No. 5 bore on

* Petroleum Prospecting Licence Number 246 during week
* ~~Back to back with xxxxxxxx~~
ending 10 Oct. 1959.

DEPTH	DESCRIPTION OF STRATA
1088 ft.	Limestone & Mudstone

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.)

J. J. ...
14.10.59.

SIGNED L.C. COOKE
LEGAL MANAGER Dome Oil & Minerals Syndicate
No Liability

Date 13 / 10 / 1959 .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at D O M E NO. 5 bore on

* Petroleum Prospecting Licence Number 246 during week
* ~~Petroleum Mining Lease~~
ending 17 October 1959.

DEPTH	DESCRIPTION OF STRATA
1200 ft.	Limestone and Mudstone

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.)

J. H. ...
28.10.59
Oct 27. 1959

SIGNED ... L. C. COOKE

LEGAL MANAGER . DOME OIL & MINERALS COY.
SYNDICATE N.L.

Date 26 / 10 / 59 .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at DOME NO. 5 bore on

* Petroleum Prospecting Licence Number 246 during week
* ~~Petroleum Prospecting Licence~~
ending *J.H.B. Ekberg*, 1959

DEPTH	DESCRIPTION OF STRATA
1200 ft.	Limestone and Mudstone

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.)

Final Report during the coming week. The driller
has been instructed to cease operations. Mr.
A.E. Ekberg died on 18/10/59.

J. Thomas
27/10/59

SIGNED ... L.C. COOKE

LEGAL MANAGER DOME OIL & MIN. SYND. N.L. COY.

Date ..27../10../59 ..

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

MINES DEPARTMENT

VICTORIA

Mines (Petroleum) Act, 1935.
Section 45.

Record of Work at DOME bore on

* Petroleum Prospecting Licence Number 246 during week
* ~~XXXXXXXXXXXXXXXXXXXX~~
ending .. 31. Oct. 19.. 59 ..

DEPTH	DESCRIPTION OF STRATA
1200'	No drilling done for past two weeks.
	F I N A L R E P O R T

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.)

.....
Delay in submitting this final report is
.....
apologised for.

.....
(Reason for delay - awaiting decision of Ekberg
.....
executors re continuing drilling or not.)

J. Thomas
Q.
27.11.59

SIGNED L. C. COOKE
LEGAL MANAGER DOME OIL & MIN. SYND. N. L. COY.

Date .. 25. / . 11. / . 59. .

N.B. - The Act also requires the Minister to be notified immediately water, gas or petroleum is encountered.

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

EKBERG No 1 W 459

MINES DEPARTMENT.

VICTORIA.

Mines (Petroleum) Act 1935.
SECTION 45.

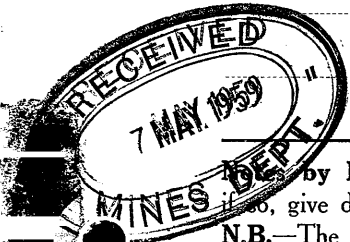
First Report

Record of Work at DOME No. 5 bore on

*Petroleum Prospecting Licence Number 246 during week
*Petroleum Mineral Lease

ending 2nd MAY 19 59

DEPTH	DESCRIPTION OF STRATA
160'	HARD LIMESTONE (MARBLE)
	8" CASING INSERTED TO 12 FEET
	Drilling Commenced 20th April 1959 Drilling Contractor W.J. Sides & Son P/L.



Signed 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.)

L.C. Cooke

Signed

DOME OIL & MINERALS SYNDICAT

Legal Manager **NO LIABILITY** Coy.

Date 6 / 5 / 59

* Strike out words not applicable.

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

**EXTRACT FROM THE MINES (PETROLEUM) ACT 1935,
AS AMENDED BY THE MINES (PETROLEUM) ACT 1939.**

Section 19.—(1) 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.

(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 the Minister by notice in writing directs.

(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 45.—Every licensee and lessee shall keep a log, in the form prescribed by the Minister, of all the wells drilled by him showing the strata and character of the ground passed through by the drill, which log or a copy thereof shall from time to time be furnished to the Minister upon demand.

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.

EXTRACT FROM THE MINES (PETROLEUM) ACT 1939.

Section 7 (6).—Every licensee shall—

(a) retain for a period of not less than twelve months all cores obtained by drilling and representative samples of other specimens obtained from the land and, when so required by the Minister, forward the same to the Minister.

Copy of log submitted by DOMS on Weekly Reports.

Spud 20-4-59

Depth

160'	-	Hard limestone (Marble) 8" Casing inserted to 12 feet.
225'	-	" " "
255'	-	" " "
308'	-	" " "
332'	-	" " "
418'	-	Black and White limestone (Marble)
502'	-	" " " marble
610'	-	Black Marble. No further drilling
636'	-	Black Marble - last 5 feet in slate
660'	-	Formation very hard mixture of calcite and silica. Now going through soft layers of calcite and hard bars of mixture. Reducing hole to 5½ inches in diameter.
714'	-	Passed through a layer of mudstone and silica containing microscopic fossilised worms. Now boring in pure bluish grey marble.
760'	-	Limestone and Mudstone
800'	-	Mixture of limestone and Mudstone with increasing quantity of halloysite as boring proceeds
805'	-	Limestone and Mudstone with halloysite as boring proceeds
814'	-	" " " " " "
850'	-	Limestone and Mudstone
948'	-	" " " . The Limestone formation has calcite and contains minute traces of mineral
984'	-	Limestone and Mudstone
1088'	-	" " "
1200'	-	" " "

T.D. 1200 feet.
On Nov. 1959.

Contractor: W. L. Sides + Son Pty. Ltd.

See map accompanying report
by ~~W. Johnson~~ W-JOHNSON for G. MILTON
" Geology of Central Suelan Basin,
P.E.P. 65 Victoria.

Copy of log submitted by DOMS on Weekly Reports.

Spad 20-4-59

Depth

160'	-	Hard limestone (Marble) 8" casing inserted to 12 feet.
225'	-	" " "
255'	-	" " "
308'	-	" " "
332'	-	" " "
418'	-	Black and White limestone (Marble)
502'	-	" " " marble
610'	-	Black Marble. no further drilling
636'	-	Black Marble - last 5 feet in slate
660'	-	Formation very hard mixture of calcite and silica. Now going through soft layers of calcite and hard bars of mixture. Reducing hole to 5 1/2 inches in diameter.
714'	-	Passed through a layer of mudstone and silica containing microscopic fossilised worms. Now boring in pure bluish grey marble.
760'	-	Limestone and Mudstone
800'	-	Mixture of limestone and Mudstone with increasing quantity of halloysite as boring proceeds
805'	-	Limestone and Mudstone with halloysite as boring proceeds
814'	-	" " " " " "
850'	-	Limestone and Mudstone
948'	-	" " " " The Limestone formation has calcite and contains minute traces of mineral
984'	-	Limestone and Mudstone
1088'	-	" " "
1200'	-	" " "

T.D. 1200 feet.
On Nov. 1959.

Contractor: W.L. Sides + Son Pty. Ltd.