

TABLE OF CONTENTS

W456

DOME FROME LAKE TYERS 3

1.0	Summary	Report	on	drilling
-----	---------	--------	----	----------

- 2.0 Well Summary Card
- 3.0 Lithology
- 4.0 Miscellaneous correspondence

Enclosures

- 1.0 Location map (Index map of Australia)
- 2.0 Gravity Map showing Bouguer Anomalies and well locations
- 3.0 Comparative Lithology of Dome Frome Bores (Lake Tyers 1, 2, 3 &4)

FROME-BROKEN SILL CO. PTY. LTD.

REPORT 7100-G-63

STATE OF

SUMMARY OF DRILLING BY DOME OIL AND MINERAL SY DICLTE N. J. ON FROME-LIKES PETROLEUM PROSPECTING LICENCE AREA NO. 161, GIPPSLAND.

by

A. F. McQueen

Dome Frome Nº1

2

3

4

MELBOURNE,

April, 1958

CONTENTS

		•
		Page
General Loca	lity Map	Frontispiece
Introduction		1
Drilling		1
Geology		1
Conclusions		4
References		5
Appendix:	Operational Data, Dome-Frome	Bores 6
Plate 1:	Extract of Bureau of Mineral Gravity Map of Bouguer anomal Hartland Area, Victoria.	
Plate 2:	Comparative Lithology, Dome-I	Trome Bores.

INTRODUCTION

By an agreement dated 30th October, 1957 between Frome-Lakes Pty. Atd. and Dome Oil and Mineral Syndicate No Liability, the latter company drilled four holes on Frome-Lakes' Petroleum Prospecting Excence area No. 161, Gippsland.

The well sites were selected by representatives of Dome Oil & Mineral Syndicate. Goologists of Frome-Broken Hill Pty. Ltd. visited the sites while drilling was in progress, and prepared geological bore logs. The holes are known by the profix DOME-FROME No....., and locations are shown on Plate 1.

DRI LING

Drilling commenced on 12th December, 1957 and was completed on 17th March, 1958. Drilling was carried out under contract to Dome Oil and fineral Syndicate N.L. by W.L. Sides and Son, drilling contractors, using a Failing 1500 outfit mounted on a Ford F7 truck. Drilling mud used was of the water-bentonite type, and no unusual drilling problems were encountered. Cores were taken of basement in holes 1, 2 and 3, but no coring was carried out in bore No. 4.

CEO_OGY

Holes Nos. 1, 2 and 3 are three to three and a half miles south of the northern margin of the Tertiary basin of Southeast Gippsland, and intersect basement under the Balcombian Stage Gippsland limestone at 560, 500 and 530 feet respectively.

Hole No. 4, six miles south of the northern margin of the basin, penetrated a much thicker section including Gippsland limestone, Lakes Entrance Formation and probably Yallourn Formation, before entering basement at 1,287 feet.

Plate 2 shows the general lithology of the bores, and the formations penetrated. The drilling results support fairly

closely Wood's (3) contour maps of the Tertiary System and some of its components in this area.

Each hole commences in the Upper Miocene Mitchellian Stage. In bores 2,3 and 4, this unit is represented by unconsolidated quartz sand and gravels, which compare very closely with descriptions of the Pleistocene sands and gravels which form a mantle over the Tertiary rocks throughout most of the basin. However, in No. 1 well, similar sands and gravels lie between the bryozoal marks of the Mitchellian Stage and the polyzoal limostone of the Balcombian Stage Gippsland limostone. The Mitchellian Stage sands in the area under review are therefore a coarser facies than that described for this unit in other parts of the basin.

The Gippsland limestone in No. 4 well commences in a sandy facies which can be correlated with similar facies in wells 1, 2 and 3. (See Plate 2.)

In the coarse sands of the litchellian Stage there is an apparent thickening towards the edge of the basin. This may not be a true indication of the trend, as the sections in holes 2, 3 and 4 probably are not complete.

Similarly, in the sandy facies of the Gippsland limestone, there is an apparent thickening towards the edge of the basin. In this case, there is a variation in elevation at the top of the basement, which tends locally to be depressed to the north towards the edge of the basin.

No oil or gas shows were encountered during drilling of the holes, and as there was no known structural control in selection of the holes by Dome Oi' and Mineral Syndicate, no new conclusion can be drawn regarding the relation of the structure and oil accumulation in this area.

Although part of the Lakes Entrance Formation was intersected in No. 4 well, the basal glauconitic sandstone as recorded in Lakes Entrance bores was not present. The Lakes Entrance Formation wedges out between No. 4 and No. 3 heles and it is probable that the basal glauconitic sand, which is oil-bearing at Lakes Entrance, wedges

out between Dome-Frome No. 4 well and Bore No. 7, Parish of Colquhoun, and Cobden's No. 1 bore. Although Lakes Entrance Formation and glauconitic sand is not recorded in the latter bore, there is a section of 1334 feet above the Yallourn Formation in this hole which has not been described, and it is probable that some of this section represents Takes Entrance Formation.

A bore sunk by the Department of Public Works at the Lake Tyers Mission Station reached a depth of 1,305 feet. The site of this bore is shown on Plate 1 as PVD No. 1.

From 145 to 980 feet in this bore, strata logged were blue marl and polyzoal limestone, which appear to be the equivalent of the Gippsland limestone.

From 980 to 1302 feet occur brown micaccous clay, glauconite and sandstone, which can be correlated with the Lakes Entrance Formation. This thickness (322 feet) is much greater than that recorded for the Lakes Entrance Formation in Dome-Frome No. 4 (170 feet). The log of the bore indicates the presence of the basal glauconitic sandstone which is absent in Dome-Frome No. 4. Water was produced from the glauconitic sand, but there have been no reports of the occurrence of oil in this well at Lake Tyers.

The presence of the glauconitic sand in this bore, and the lack of proof that glauconitic sand was not intersected in Cobden's Bore, indicates that the boundary of this member, as mapped by Wood (4, Plate 11), can be extended to the east.

Whether or not oil could be present along the line of wedge out of the glauconitic sand in this area is open to conjecture, but drilling of the Dome-Frome wells has revealed no new conditions which might be considered favourable to accumulation of petroleum in this area. Gravity contours do not help in clarifying the matter.

The Dome-Frome wells are situated between a gravity low to the east, in the vicinity of the Nowa Nowa arm of Lake Trers, and a gravity high mortheast of Nos. 1 and 2 holes (See Plate 2). The depths to phyllite basement in hole No. 1 is 530 feet and to quartz

porphyry basement in hole No. 3 is 560 feet. The density of phyllite ranges from 2.63 to 2.3 and quartz porphyry from 2.55 to 2.73 (3). This small variation in rock density and thickness would not provide the gravity variation shown by the Bouguer anomaly valves in the area. It appears, therefore, that gravity values reflect variations in basement rock rather than structure in the Tertiary. This is supported by the fact that contours of Bouguer gravity anomalies are parallel to the direction of thickening of Tertiary sediments and not parallel to the regional strike of those sediments.

Boutakoff (1) ascribes the gravity low in the area of the Nowa Nowa arm of Lake Tyers to a tectonic depression, the axis of which runs north-south through the centre of the gravity low.

CONCLUSIONS:

Drilling by Dome Oil and Mineral Syndicate N.L. on Frome-Lakes Petroleum Prospecting Licence Area No. 161 has confirmed previous views about the attitude of the Tertiary sediments in this area, but has not provided any new positive data about possible petroleum accumulation in the area.

A.F. McQueen

REFERENCES

- 1. Boutakoff, N. "A New Approach to Potroleum Geology and Oil Possibilities in Gippsland".

 Min. & Geol. Jour. (Victoria) Vol. 5

 Nos. 4 and 5, 1955.
- 2. Crespin, I. "The Stratigraphy of the Tertiary Marine Rocks in Gippsland, Victoria".

 Bull (Palacontological Series No. 4) Dept.

 of Supply and Shipping. Min. Resources Survey.

 Com. of Australia, Canberra, 1943.
- 3. Heiland, C.A. "Geophysical Exploration"

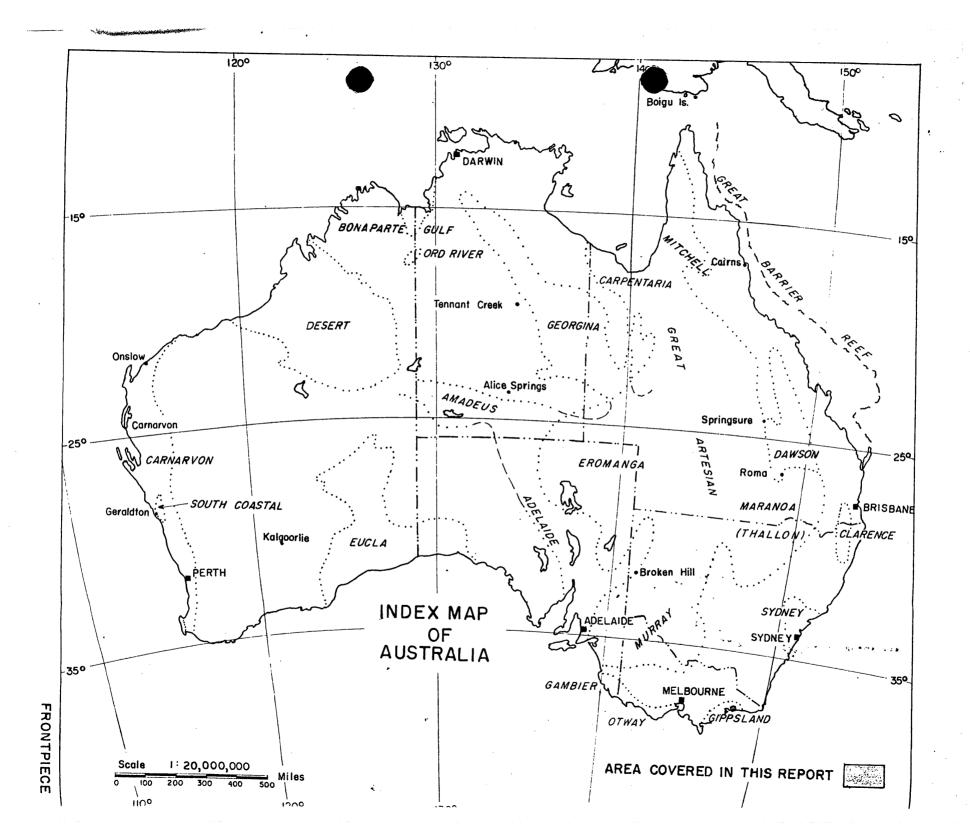
 Prentice-Hall Inc., New York, 1951.
- 4. Mood, R.L. "Exploration Drilling in the Tertiary Basin of Southeast Gippsland, Victoria".

 Frome-Broken Hill Co. Rep. 7100-G-57,
 April, 1957.

APPENDIX Î

OPERATIONAL DATA - DOME-FROME BORES

Bore No.	1	2	3	4	
Map Reference) Hartland 1 mile sheet)	942377 ·	967393	049404	007342 -	
Approximate elevation Derrick floor	130 feet	50 feet	20 feet	140 feet	
Date commenced	10 Dec.1957	10 Jan.1958	14 Feb.1958	4 Mar. 1958	
Date Abandoned	18 Lec.1957	6 Feb.1958	27 Feb.1958	17 Mar.1958	
Total Depth	564 feet	557 feet	582 feet	1300 feet	
Petroleum Indications	Nil	Mil	Nil	Nil	



PE905461

This is an enclosure indicator page. The enclosure PE905461 is enclosed within the container PE904226 at this location in this document.

The enclosure PE905461 has the following characteristics:

ITEM_BARCODE = PE905461
CONTAINER_BARCODE = PE904226

NAME = Dome Frome Lake Tyers 3 Gravity Map

BASIN = GIPPSLAND ON_OFF = ONSHORE PERMIT = PPL161

TYPE = GENERAL

SUBTYPE = GRAV MAP

DESCRIPTION = Dome Frome Lake Tyers 3 Bouguer Anomaly
Map, Hartland Area, Victoria, showing
locations of nearby wells.

REMARKS =

DATE_CREATED = 31/12/55 DATE_RECEIVED = 31/07/58

 $W_NO = W456$

WELL_NAME = Dome Frome Lake Tyers 3

CONTRACTOR = Frome-Lakes Pty Ltd. (Exploration

Department)

CLIENT_OP_CO = Frome-Broken Hill Co. Pty. Ltd.

(Inserted by DNRE - Vic Govt Mines Dept)

PE905462

This is an enclosure indicator page. The enclosure PE905462 is enclosed within the container PE904226 at this location in this document.

The enclosure PE905462 has the following characteristics:

ITEM_BARCODE = PE905462
CONTAINER_BARCODE = PE904226

NAME = Dome Frome Bores, Compartive Lithology

BASIN = GIPPSLAND ON_OFF = ONSHORE PERMIT = PPL161

 $\mathtt{TYPE} = \mathtt{WELL}$

SUBTYPE = STRAT_COL

REMARKS =

DATE_CREATED = 30/04/58 DATE_RECEIVED = 31/07/58

 $W_NO = W456$

WELL_NAME = Dome Frome Lake Tyers 3

CONTRACTOR = Frome-Lakes Pty Ltd. (Exploration

Department)

CLIENT_OP_CO = Frome-Broken Hill Co. Pty. Ltd.

(Inserted by DNRE - Vic Govt Mines Dept)

2.0. WELL SUMMARY CARD

PE904227

This is an enclosure indicator page. The enclosure PE904227 is enclosed within the container PE904226 at this location in this document.

The enclosure PE904227 has the following characteristics:

ITEM_BARCODE = PE904227

CONTAINER_BARCODE = PE904226

NAME = well card

BASIN = GIPPSLAND

PERMIT =

TYPE = WELL

SUBTYPE = well card

DESCRIPTION = well card Dome Frome Lake Tyers 3

REMARKS =

 $DATE_CREATED = 14/02/1958$

DATE_RECEIVED =

 $W_NO = W456$

WELL_NAME = Dome Frome Lake Tyers 3

CONTRACTOR = Dome Oil & Minerals Syndicate NL CLIENT_OP_CO = Dome Oil & Minerals Syndicate NL

(Inserted by DNRE - Vic Govt Mines Dept)

3.0. LITHOLOGY

DOME FROME NO. 3.

Copy of log given in Weekly Work Record submitted by DOMS.

0' - 1'	Topsoil
4 1	Brown clay
10 1	Sandy clay
30'	Fine sand
33 '	Sandy limestone
40 '	" "
66'	n n
85'	Coarse gravels
120'	Grey Marls
177'	ti ti
178'	Mud sand
280 '	Grey Marl (with hard bands)
290 '	Sand and shell
297'	Grey Marl
303'	Hard limestone
437 '	Grey marl with hard bands. 120' of $6\frac{1}{2}$ " Collard Casing in hole.
465	Grey marl
467	Hard band (Limestone)
496'	Grey marl
536	Limestone and marl
559 '	Igneous rock
582 '	Igneous rock (coring)

MINES DEPARTMENT.





Mines (Petroleum) Act 1935.
Section 45.

W456

Brown clay - 4'		pecting Licence Number during week
O' - 1' Topsoil 1' - 4' Brown clay 4' - 10' Sandy clay 1' - 33' Sandy limestone. 3' - 40' " " 10' - 66' " " 5' - 85' Coarse gravel. 5' - 120' Grey Marls 1' - 177' " " 1' - 178' Mud sand 3' - 280' Grey marl (with hard bands) 3' - 290' Sand and Shell. 6' - 305' Grey Marls. 1' - 305' Grey marle with hard bands. 10tes by Driller in Charge (State in notes whether water, gas or petroleum has been met with, and, so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. B.—The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.) 120' of 6½" Collared Casing in hole. Signed L.C.Cooke. DOME OIL & MINERALS SYNDICATION LIABILITY Legal Manager Coy.	ending 22nd	l.February 19 58
Signed S	DEPTH	DESCRIPTION OF STRATA
Sandy clay - 30' Sandy clay - 33' Sandy limestone. - 40' " " - 66' " " " - 85' Coarse gravel. - 177' " " " - 178' Mud sand - 280' Grey marl (with hard bands) - 290' Sand and Shell. - 303' Hard Limestone. - 437' Grey marle with hard bands. - 505' Grey marle with hard bands. - 505	0' - 1'	Topsoil
Sandy clay - 30'	1' - 4'	
Signed Signed Signed Signed Fine sand Sandy limestone. Fine sand Sandy limestone. Sandy limestone. """" """" """" """"""""" """"""""	4' - 10'	
Si - 40' " " " " " " " " " " "		Fine sand
Coarse gravel. Coavalle. Coarse gravel. Coarse gravel. Coavalle. Co	1	
Coarse gravel. Corey Marle The look of the properties of the pro		
Signed 120' Grey Marls " " " " " " " " " " " " " " " " "		
177' 178'		
Grey marl (with hard bands) - 290		n H
Signed Sand and Shell. Grey Marle. Hard Limestone. Grey marle with hard bands. Otes by Driller in Charge (State in notes whether water, gas or petroleum has been met with, and so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. B.—The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.) 120' of 6½" Collared Casing in hole. Signed L.C.Cooke. DOME OIL & MINERALS SYNDICATE NO LIABILITY Legal Manager Coy.		
Grey Marle. - 303' - 437' Crey marle with hard bands. otes by Driller in Charge (State in notes whether water, gas or petroleum has been met with, and, so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. B.—The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.) 120' of 6½" Collared Casing in hole. Signed L.C.Cooke. DOME OIL & MINERALS SYNDICATE NO LIABILITY Legal Manager Coy.		Grey marl (with hard bands)
Hard Limestone. Grey marle with hard bands. otes by Driller in Charge (State in notes whether water, gas or petroleum has been met with, and so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. B.—The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.) 120' of 6½" Collared Casing in hole. Signed L.C.Cooke. DOME OIL & MINERALS SYNDICATE NO LIABILITY Legal Manager Coy.	-	
Signed Signed L.C.Cooke. DOME OIL & MINERALS SYNDICATE NO LIABILITY Legal Manager Cotes by Driller in Charge (State in notes whether water, gas or petroleum has been met with, and, so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. B.—The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.) Signed L.C.Cooke. DOME OIL & MINERALS SYNDICATE NO LIABILITY Legal Manager Coy.		
otes by Driller in Charge (State in notes whether water, gas or petroleum has been met with, and, so, give depth and nature of occurrence, also depth to which casing has been inserted and cemented. B.—The Act also requires the Minister to be notified immediately water, gas, or petroleum is encountered.) 120' of 6½" Collared Casing in hole. Signed L.C.Cooke. DOME OIL & MINERALS SYNDICATE NO LIABILITY Legal Manager		
DOME OIL & MINERALS SYNDICATE NO LIABILITY Legal ManagerCoy.	otes by Driller i	n Charge (State in notes whether water, gas or petroleum has been met with, and
DOME OIL & MINERALS SYNDICATE NO LIABILITY Legal ManagerCoy.	so, give depth and I.B.—The Act also	nature of occurrence, also depth to which casing has been inserted and cemented. requires the Minister to be notified immediately water, gas, or petroleum is encountered.)
DOME OIL & MINERALS SYNDICATE NO LIABILITY Legal ManagerCoy.	so, give depth and I.B.—The Act also	nature of occurrence, also depth to which casing has been inserted and cemented. requires the Minister to be notified immediately water, gas, or petroleum is encountered.)
DOME OIL & MINERALS SYNDICATE NO LIABILITY Legal ManagerCoy.	so, give depth and I.B.—The Act also	nature of occurrence, also depth to which casing has been inserted and cemented. requires the Minister to be notified immediately water, gas, or petroleum is encountered.)
DOME OIL & MINERALS SYNDICATE NO LIABILITY Legal ManagerCoy.	so, give depth and I. B. —The Act also	nature of occurrence, also depth to which casing has been inserted and cemented. requires the Minister to be notified immediately water, gas, or petroleum is encountered.)
Legal ManagerCoy.	so, give depth and I. B. —The Act also	nature of occurrence, also depth to which casing has been inserted and cemented. requires the Minister to be notified immediately water, gas, or petroleum is encountered.) O' of 6½" Collared Casing in hole.
	so, give depth and I.B.—The Act also	nature of occurrence, also depth to which casing has been inserted and cemented. requires the Minister to be notified immediately water, gas, or petroleum is encountered.) O' of 6½" Collared Casing in hole. Signed L.C.Cooke. DOME OIL & MINERALS SYNDICATE
	so, give depth and I. B. —The Act also	nature of occurrence, also depth to which casing has been inserted and cemented. requires the Minister to be notified immediately water, gas, or petroleum is encountered.) O' of 6½" Collared Casing in hole. Signed L.C.Cooke. DOME OIL & MINERALS SYNDICATE NO LIABILITY

* Strike out words not applicable.

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

5470/40.

Reg.Office - 422 Collins St., Melbourne. L.C.COOKE, Manager.

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.

VICTORIA

Mines (Petroleum) Act, 1935. Section 45.

	rospecting Licence Number during week ineral Lease
DEPTH	DESCRIPTION OF STRATA
437' - 465'	Grey Marl's.
465! - 467!	Hard Band (limestone)
467' - 496'	Grey Marl&
496 ' - 536'	Limestone and marl&.
536' - 559'	Igneous Rock.
<u> 559' - 582'</u>	" " (Coring)
Notes by Dri	llar in Charge (State in notes whether water, cas o
petroleum ha	ller in Charge (State in notes whether water, gas or s been met with, and, if so, give depth and nature of also depth to which casing has been inserted and
petroleum ha occurrence, cemented.)	s been met with, and, if so, give depth and nature of
petroleum ha occurrence, cemented.)	s been met with, and, if so, give depth and nature of
petroleum ha occurrence, cemented.)	s been met with, and, if so, give depth and nature of
petroleum ha occurrence, cemented.)	s been met with, and, if so, give depth and nature of
petroleum ha occurrence, cemented.)	s been met with, and, if so, give depth and nature of

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

Reg. Office - 422 Collins St., Melbourne.

L.C.COOKE, Manager.

4.0. MIS CELLANEOUS CORRESPONDENCE

FROME-LAKES PROPRIETARY LIMITED

95 Collins Street, Melbourne C.1

February 28, 1958.

The Hon. Minister for Mines, Bepartment of Mines, Treasury Gardens, Melbourne C.2

Dear Sir.

Petroleum Prospecting Licence No. 161

We submit herewith details of Dome Oil & Minerals Syndicate exploration well No.3 as required by regulations under the Mines (Petroleum) Act.

(a) <u>Designation</u>: Dome Frome No.3

(b) Location: County Tambo, Parish

Tildesley west. State forest land near boundary of allotment No.3, on narrow neck in big meander of Lake Tyers Nowa Nowa arm, 63 miles

north north-east of entrance to lake.

(c) Distance from Half a mile.
nearest boundary of
Licence:

(d) <u>Height of Derrick</u> Approximately 20 feet above sea level.

(e) Diameter of well at $7\frac{7}{8}$ " surface:

(f) <u>Depth proposed</u>: Maximum 2,000 feet, or to basement rocks if less than 2,000 feet.

(g) <u>Drilling method</u>: Rotary.

(h) Extent of Coring: As required.

It is regretted that we are unable to give a more precise description of the location because of the absence of any identifiable fixed points in the area, the survey pegs of allotment 3 not having been found.

Yours truly,

Sgd. N.Osborne General Manager. Dome Pil & Minerals Synd Mr. & Frame Lakes Phy 401. Dome Frame No 3

Spudded 14 Feb. 1958. El. 20. PF. / Let. 37°46'06"S) Ph. Colgularium

Cleandaned 27 Feb 1958. Att

Cleandaned 27 Feb 1958. Att

W456

Location Haptland ' mile sheet. Oxignor

No indications of airl anglas.

Co. Jambo. Ph. Debesley West. State farest land mean

I ratai. Co. Jambo. Ph. Debesley West. State farest land mean

Loundary of allot. No 3. en naman neck in ling meander of

pake Ayen - News Nawa arm, 63 mls NNE of lake entrance.

Dia of mell at surface = 778".

120' of 6;" collared energy whole.

Frome-Broken Hill Co. Fty. Ltd., 95 Collins Street, HELBOURNE. C.1.

1st April, 1958.

The Hen. Minister for Mines, Treasury Gardens, MELBOURNE, C.2.

Dear Sir.

Petroleum Prospecting Licence No. 161

Attached for your information, in accordance with the Mines (Petroleum) Act, 1935, are copies of the Record of Work at Dome-Frome Bores Nos. 2, 3 and 4, as submitted by Dome Oil and Minerals Syndicate N.L.

Yours very truly.

(N. Ceborne) General Manager

AMO/ml.

Dr. Thomas. Q.4.58

COPY

FROME-LAKES PROPRIETARY LIMITED

95 Collins Street, Melbourne C.1

February 28, 1958.

Hon. Minister for Mines, Department of Mines, Treasury Gardens, Melbourne C.2

Dear Sir,

Petroleum Prospecting Licence No.161

We hereby request consent on behalf of Dome Oil & Minerals Syndicate N.L. to drill, in accordance with the terms of their agreement with Frome-Lakes Pty.Ltd., in the Parish of Colquhoun east, County Tambo, on a location in state forest land near Lake Tyers, Blackfellow arm, about half a mile west of the boundary of the aboriginal reserve and three miles north of the entrance to the lake.

Location details as required by the Mines (Petroleum) Act will be submitted following establishment of the drilling rig on site.

Yours truly,

Sgd. <u>N.Osborne</u> <u>General Manager</u>.

