



W540

Natural Resources and Environment

AGRICULTURE • RESOURCES • CONSERVATION • LAND MANAGEMENT

DEPT. NAT. RES & ENV



PE905439

BREAM I

WELL SUMMARY

1 Folio No	2 Referred to	3 Date	4 Clearing Officer's Initials	1 Folio No.	2 Referred to	3 Date	4 Clearing Officer's Initials

FILE COVER INSTRUCTIONS FOR ACTION OFFICERS

- (1) FOLIO NUMBERS: Each subject paper attached to a file is to be given a consecutive number by the attaching officer. Papers must not be removed from or attached to a file without approval.
- (2) REFERRAL TO OTHER OFFICERS: When an Officer completes action on the file and further action is required by some other Officer, please initial Column (4) and on the next vacant line, enter the relevant folio number in Column (1), indicate to whom the file is to be forwarded in Column (2) and record the date in Column (3).
- (3) BRING UP MARKINGS: When action on a file is required at a later date, the officer will initial Column (4) and, on the next vacant line, enter the relevant folio number in Column (1), then write "B/U" followed by the action officer's name in Column (2) and the date the file is required in Column (3).
- (4) PUTAWAY MARKINGS: When ALL action on a file is completed the officer concerned will initial Column (4) and, on the next vacant line, write "P/A" in column (2).

LOCATION

REGISTRY MUST BE NOTIFIED OF ANY FILE MOVEMENTS BETWEEN OFFICERS

EARLIER FILES	LATER FILES	RECORDS DISPOSITION
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RELEVANT FILES

File No.	Subject

SYMBOLS FOR ACTION OFFICERS

EXECUTIVE

Secretary
Deputy Secretary
Executive Director Portfolio Management
Executive Director Performance Evaluation
Executive Director Primary Industries and Chief Scientist
Executive Director Catchment Mgt & Sustainable Agriculture
Executive Director Minerals and Petroleum
Executive Director Forests Service
Executive Director Parks, Flora and Fauna
Executive Director Land Victoria
Executive Director Regional Services

CORPORATE MANAGEMENT

General Manager Corporate Services
Chief Finance Officer
Manager Information Technology Strategies
Director Capital Policy
Director Human Resources
Director Planning & Budget
Director Information Technology & Telecommunications
Director Business Reform
Manager Business Improvement
Manager Administrative Policy & Procedures
Manager Metropolitan Administrative Operations
Manager Corporate Communications & Information
Manager Electronic Information Services
Manager Library & Information Services

MINERALS AND PETROLEUM

Manager Petroleum Development
Manager Geological Survey Victoria
Manager Mineral & Petroleum Operations
Manager Minerals Development
Manager Extractive Industries
Manager Minerals & Petroleum Titles

PRIMARY INDUSTRIES & CHIEF SCIENTIST

Manager Chemical Standards Branch
Manager Plant Standards
Chief Veterinary Officer
Director Bureau of Animal Welfare
Director Fisheries
Director Quality Assurance
Director Agribusiness

SEC
DS
EDPM
EDPE
EDPI,CS
EDCMSA
EDMP
EDFS
EDPF
EDLV
EDRS

GMCS
CFNO
MITS
DCP
DHR
DPB
DITT
DBR
MBI
MAPP
MMAO
MCCI
MEIS
MLIS

MPD
MGSV
MMPO
MMD
MEI
MMPT

MCSB
MPS
CVO
DBAW
DF
DQA
DA

PERFORMANCE EVALUATION

Chief Economist
Manager Internal Audit & Risk Mgt Policy
Manager Strategic Quality Assurance

CE
MIARMP
MSQA

CATCHMENT MGT & SUSTAINABLE AGRICULTURE

Program Manager Pest Plants & Animals
Director Catchment & Water Resources
Director Sustainable Development
Director Office of Rural Affairs
Director Natural Resource Policy

PMPPA
DCWR
DSD
DORA
DNRP

FORESTS SERVICE

Manager Commercial Forestry
Chief Fire Officer
Manager Forest Management
Manager Regional Forests Agreements

MCF
CFO
MFM
MRFA

PARKS, FLORA & FAUNA

Manager Parks & Reserves
Manager Business Management Parks, Flora & Fauna
Manager Flora & Fauna
Manager Coasts & Ports

MPR
MBMPFF
MFF
MCP

LAND VICTORIA

Director Geospatial Information
Director Resources & Reform
Surveyor General
Valuer General
Director Land Registry
Director Crown Land Management

DGI
DRR
SG
VG
DLR
DCLM

PORTFOLIO MANAGEMENT

Director Water Agencies
Manager Portfolio Coordination
Manager Environmental Policy
Manager Policy Support
Director Media

DWA
MPC
MEP
MPOS
DM

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- 4.0 Correspondence relating to movement of Rig "Glomar III" during drilling of Bream 1.

Hematite Petroleum Proprietary Limited



440 COLLINS STREET, MELBOURNE • POSTAL ADDRESS: G.P.O. BOX 2752Y, MELBOURNE, VIC. 3001 • TELEPHONE: 60 0331 • TELEGRAPH: "HEMEX" MELBOURNE

MAR:CH-H

28th February, 1969.

The Designated Authority,
C/- Secretary for Mines,
West Tower, Princes Gate,
171 Flinders Street,
MELBOURNE
Victoria 3000.

Dear Sir,

E02/1 - Application to Abandon the Bream I Location.

The reinterpretation of the seismic records following the drilling of the Salmon I Well, shows that the top of the Latrobe Formation is lower than previously interpreted, and that Bream I would have intersected a fault at, or close to, the top of the Latrobe. For this reason it has been decided to abandon the Bream I location and drill the first deep Bream exploration well from the Bream 2 location 470 yards to the south-south-east.

Your permission for early abandonment of the Bream I location is therefore requested. The well had reached 790 feet and casing set as follows:

30-inch at 342 feet with 325 sacks cement

20-inch at 741 feet with 800 sacks cement;

the well has not been drilled out since cement was set, and the well-head was capped.

Yours faithfully,

W. M. Lonie ^{cc}

W. M. Lonie - General Manager

cc. Esso Standard Oil (Aust.) Ltd.

Mr. Bolter
Ran 6/3/69

ALL COMMUNICATIONS SHOULD BE ADDRESSED TO
SECRETARY FOR MINES

TELEPHONE: 654 4388 Ext. 140.



MINES DEPARTMENT
WEST TOWER, PRINCES GATE
171 FLINDERS STREET
MELBOURNE, VIC. 3000

PWB

7th March, 1969.


Memorandum to Director of Petroleum & Natural Gas Branch

Re: Abandonment of Bream 1.well

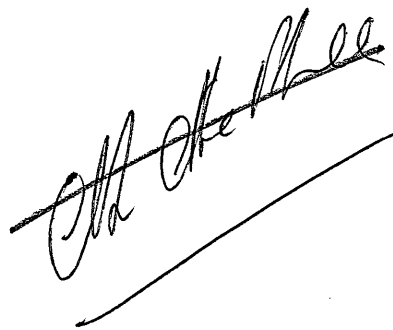
Hematites Petroleum's letter of 28th ^{Feb} July, 1969 requests permission to abandon the Bream No.1 well and at the same time gives the reasons for this course of action.

I have examined the seismic records and concur with their reasons.

It is recommended that permission to abandon be given.


P.W. Bollen

The Secretary for Mines


Bream - 1 file

2.0. DRILLING REPORTS.

2.1 WEEKLY DRILLING REPORTS

Hematite Petroleum Proprietary Limited



440 COLLINS STREET, MELBOURNE • POSTAL ADDRESS: G.P.O. BOX 2752Y, MELBOURNE, VIC. 3001 • TELEPHONE: 60 0331 • TELEGRAPH: "HEMEX" MELBOURNE

MZ:JHM:H

January 30, 1969.

Secretary for Mines,
Mines Department,
West Tower, Princes Gate,
171 Flinders Street,
MELBOURNE, Vic., 3000.



Dear Sir,

EO2/1A - Gippsland Basin Drilling - Bream 1.

We attach hereto the weekly drilling report from the
Bream 1 well for the period ending January 27, 1969.

Yours faithfully,

W.M. Lonie

WML

W.M. Lonie, General Manager.

Enc.

Mr. White

Mr. Bollen

HEMATITE PETROLEUM PROPRIETARY LIMITED

WEEKLY DRILLING REPORT

Tenement Number: Vic/Pl.

Operator: Esso Standard Oil (Aust.) Ltd.

Well: Bream 1.

Date of Report: January 27, 1969.

Drilling Unit: Glomar III.

Location: Latitude 38° 31' 09" S
Longitude 147° 47' 45" E

Rotary Table: 31 feet above sea level.

Water Depth: 190 feet.

Progress: At Report Date: 790 feet
Previous: -
Progress: 790 feet.

Operations: Bream 1 well spudded on January 20.
30 inch casing was set at 342 feet
and 20 inch casing at 741 feet.
Currently the well has been suspended
at 790 feet while the Glomar III is
in dry dock, for routine repairs.

Casing: 30 inch at 342 feet, using 325 sacks
cement;
20 inch at 741 feet, using 800 sacks
cement.

W. M. Lonie
W.M. Lonie, General Manager.

2.2. DAILY DRILLING REPORTS

TO THE HON. THE MINISTER OF MINES.

BREAM No 1 Well

Programmed depth 12,000 feet.

Received at 10:45 am, Thursday 23rd Jan 1969 from Reynolds, Hamilton.

Depth 790 feet

Program Nil

Operation ("Gloria III").

20" casing cemented at 741 feet with 800 Sacks cement.

Well suspended & Gloria III left site at 1730 hours

22nd Jan, 1969 for Crown Inlet.It is anticipated that Gloria III will sail to dry dock
on 26th January, 1969.

DAILY PETROLEUM DRILLING REPORT

92

TO THE HON. THE MINISTER OF MINES
BREAK No. 1

Programmed depth 12,000 feet

Received at 10:30 AM, Wed. 22 Jan 1969, from Reynolds Kemnitz.

Depth 790 feet

Program 434 feet

Operation ("Gloam III")

● 30" casing set at 342 feet with 325 Sacks cement
20" casing now being run.



●

BREAM N°1 Well
Received ~~at~~ 9:40 AM, Tues. 21/Jan/1964 from Reynolds, Korratibi.
Depth 356' Progress 356' Programmed depth 12,000 feet

Operation. Gleaner III.

Drilled to 356' & now running 30" casing

ML

M. Goller

DAILY PETROLEUM DRILLING REPORT 80

TO THE HON. THE MINISTER OF MINES

BREAM N.1 Well

Programmed depth 12,000 ft.

Record at 10:30 AM, Monday 9th Jan 1969 for Hobbins, Baratt

Operation (Glosson III)

Preparing to spud



3.0 DRILLING APPLICATION
& APPROVAL

Ext. 140.

PB.

24th January, 1969.

The General Manager,
Hematite Petroleum Pty. Ltd.,
G.P.O. Box 2752Y,
MELBOURNE, Vic. 3001.

Dear Sir,

This letter is to confirm that the Designated Authority has given his consent in writing to the drilling of the Bream No.1 well. The programme for this well being that given in your letter and attachments of January 16th, 1969.

Yours faithfully,

R.G. WHITING.

DIRECTOR, PETROLEUM AND NATURAL GAS
BRANCH.

Mr. Bollen

Hematite Petroleum Proprietary Limited



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MZ:JHM:H

January 16, 1969.

The Designated Authority,
c/o Secretary for Mines,
Mines Department,
West Tower, Princes Gate,
171 Flinders Street,
MELBOURNE, Vic., 3000.



Dear Sir,

EO2/1 - Application to Drill Bream Well

We herewith lodge application for permission to drill the Bream well under the conditions of the Petroleum (Submerged Lands) Act 1967. It should be noted that the Glomar III will be required to enter dry dock, for a routine check, during the course of drilling this well. The following geological prognosis of the well is submitted:

Proposed Depth: 12,000 feet.

Location: The Bream location is approximately 16 miles south of the Barracouta field and 23 miles west of the Kingfish field.

Exploration Target: The well is programmed to test the crest of an anticlinal feature mapped at the top of the Latrobe Valley Formation. Structure as seismically mapped on the Latrobe Topographic Surface is an east-west trending, faulted anticline. The faults form a north-south striking horst and graben system across the anticline. Approximately 300 feet of vertical closure is mapped at the top of the Latrobe Valley Formation.

.../2

The structural picture is maintained at depth and the well is planned to penetrate at least 6000 feet of Latrobe Valley Formation.

Lithology:

<u>Depth</u>	<u>Formation</u>
0 - 190 ft	Water.
190 - 5550 ft	Gippsland and younger (Miocene and younger). Marl, fossiliferous limestone.
5550 - 5700 ft	Lakes Entrance (Oligocene). Shale, siltstone.
5700 - 12000 ft	Latrobe Valley (Eocene to Upper Cretaceous). Sandstone, siltstone, shale and coal.

Reservoirs:

Sandstones developed within the Latrobe Valley Formation at the unconformity surface or within the formation.

An adequate seal of the Oligocene Lakes Entrance Formation is mapped directly above the unconformity surface. The development of traps within the Latrobe Formation is dependent on the development of suitable impermeable units within the sequence.

The interpretation is based on seismic data prior to drilling and therefore subject to review after completion of the well. The seismic data for most horizons is of fair to poor quality.

Mr Gordon

*It is recommended that approval be given for the drilling of this well. R. E. W
17/1/69*

Yours faithfully,

W. M. Lonie

W.M. Lonie, General Manager.

The Hon. Mr. Minister

Approval is recommended

[Signature]

17/1/69

APPROVED
[Signature]
MINISTER FOR

MINES DEPARTMENT, VICTORIA

APPLICATION FOR PERMISSION TO DRILL

A WELL UNDER THE PETROLEUM ACT, 1958

To the Honourable the Minister of Mines:

~~I/we~~ Hematite Petroleum Pty Ltd being the holder/~~operator~~ of Vic/P1 ~~Petroleum Exploration Permit/Petroleum Prospecting Licence No.~~ hereby apply for your consent to drill a well for petroleum within the above area.

The following are the particulars of the proposed operation.

(a) The name and number by which the well is to be known	Bream 1.
(b) Classification of well	Stratigraphic Test Assessment Development Service
(c) The exact location of the proposed well	Latitude 38° 31' 09" S Longitude 147° 47' 45" E (accuracy ± 3 seconds of arc) Parish:
(d) Distance from nearest tenement boundary	13 miles south of the southern boundary of Vic/L2.
(e) Heights above sea level (This information may be submitted later) Include:- Water depth offshore wells	Surface Level: mean sea level. Derrick Floor: or Rotary Table: 31 feet above of Kelly Bushing: mean sea level. 190 feet.
(f) Diameter of proposed well at surface	See (k) 36" well, 30" casing.
(g) Method of drilling proposed and name and type of drilling rig	Rotary using floating rig Glomar III.
(h) The extent to which coring is intended	All significant hydrocarbon shows will be cored. Cores will be also taken for lithological control in the Latrobe Valley Formation.
(i) Name, address and telephone number of person in charge of the drilling operation	Mr L. Lipscombe, Esso Exploration & Production Aust. Inc., 380 Lonsdale Street, Melbourne. Phone: 600401

PROPOSED ENGINEERING AND GEOLOGICAL DETAILS: These may be varied according to conditions encountered during drilling operations.

(j) Proposed total depth	12,000 feet providing suitable prospects occur in the older portion of the Latrobe section.
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(k) Proposed engineering details of well

Hole Diameter	Casing Size	Setting Depth	Cementing proposals
36"	30"	100 ft	Proposed top of cement
26"	20"	500 ft	As in previous operations.
17½"	13 ³ / ₈ "	2500 ft	
12½"	9 ⁵ / ₈ "	7000 - 9000 ft	or as practicable.

(l) Proposed Logging details

Type of log	Intervals, to be logged
IES, BHCS, GR, CDM, possible CST.	Run 1 Prior to setting 13 ³ / ₈ " casing.
IES, FDC.GR, BHCS, CDM, CST	Run 2 Prior to setting 9 ⁵ / ₈ " casing.
Velocity Survey, possible FIT, MLL, LL7, GRN.	Run 3 12000 ft (same logs as Run 2).

(m) Provision for Formation Testing

Outline of testing equipment to be stationed at well site or brief details of arrangements made for formation testing

Wireline packer set in casing, 2⁷/₈" tubing, Otis double ball valve with surface extension to a Haliburton C.B. head to a two phase separator. Gas will be flared; liquids will go to storage facilities.

(n) Geological supervision will be undertaken by:

Mr J.L. Elliot,
Esso Exploration & Production Aust. Inc.,
71 - 79 Macquarie Street,
Sydney, N.S.W.
Phone: 20557.

(o) Name and address of drilling contractor

Global Marine Australasia Pty Ltd,
380 Lonsdale Street,
Melbourne.
Phone: 671367

(p) Proposed date of commencement of operations

On or about January 20, 1969.

~~X~~/we advise that ~~X~~/we have noted Sections 25, 26 and 27 of the Regulations under the Petroleum Act, 1958, pertaining to compensation for drilling operations on private land, and the provisions in relation to safety and health of the Petroleum Act, the Mines Act and the Regulations under the Mines Act.

Yours faithfully

Date 16/1 / 69

W. M. Lonie
W.M. Lonie, General Manager,
Hematite Petroleum Pty Ltd.

PE905440

This is an enclosure indicator page.
The enclosure PE905440 is enclosed within the
container PE905439 at this location in this
document.

The enclosure PE905440 has the following characteristics:

ITEM_BARCODE = PE905440
CONTAINER_BARCODE = PE905439
NAME = Bream 1 Structure Contour Map
BASIN = GIPPSLAND
PERMIT = VIC/P1
TYPE = SEISMIC
SUBTYPE = HRZN_CONTR_MAP
DESCRIPTION = Bream 1 Structure Contour Map of La
Trobe Delta Topographic Surface - Bream
Prospect. Interpretation of structure
prior to drilling.
REMARKS =
DATE_CREATED =
DATE_RECEIVED =
W_NO = W540
WELL_NAME = Bream-1
CONTRACTOR = Hematite Petroleum Pty Ltd
CLIENT_OP_CO = Hematite Petroleum Pty Ltd

(Inserted by DNRE - Vic Govt Mines Dept)

4.0. Correspondance relating to
movement of Rig "Alomar III" during
drilling of Bream 1.

Hematite Petroleum Proprietary Limited



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MAR:JHM:H
EO2/1

February 4, 1969.

The Designated Authority,
c/o Secretary for Mines,
Mines Department,
West Tower, Princes Gate,
171 Flinders Street,
MELBOURNE, Vic., 3000.

Dear Sir,

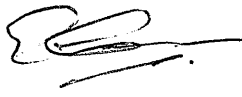
Movement of Rig.

You are hereby advised that the Glomar III drilling vessel will depart Melbourne on or about 10th February and return to the Bream No.1 Well location (Latitude 38° 31' 09" S, Longitude 147° 47' 45" E).

Yours faithfully,

W.M. Lonie, General Manager.

c.c.: Regional Controller,
Department of Shipping & Transport,
497 Collins Street,
Melbourne.

Noted
John Balgour 
6/2/69

Ext. 140.

PB.

28th January, 1969.

The General Manager,
Hematite Petroleum Pty. Ltd.,
G.P.O. Box 2752Y,
MELBOURNE, Vic. 3001.

Dear Sir,

I refer to your letter of January 15th, 1969, and to telephone conversation of 16th January, 1969, concerning the movement of the Drilling Vessel "Glomar III".

This letter is to confirm that the Designated Authority has given his consent in writing to the move of "Glomar III" to the Bream No.1 well from Tasmanian Waters.

Yours faithfully,

R.G. WHITING.

DIRECTOR, PETROLEUM AND NATURAL
GAS BRANCH.



Ext. 140.

PB.

24th January, 1969.

The General Manager,
Hematite Petroleum Pty. Ltd.,
G.P.O. Box 2752Y,
MELBOURNE, Vic. 3001.

Dear Sir,

Acknowledgement is made of the receipt of your letter of January 17th, 1969, being the Notification of Movement of Glomar III from Bream No.1 well to Melbourne on January 25th - 26th.

Yours faithfully,

R.G. WHITING.

DIRECTOR, PETROLEUM AND NATURAL GAS
BRANCH.

Heniatite Petroleum Proprietary Limited



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BMH:JHM:H

January 17, 1969.

The Designated Authority,
c/o Secretary for Mines,
Mines Department,
West Tower, Princes Gate,
171 Flinders Street,
MELBOURNE, Vic., 3000.

Dear Sir,

Movement of Rig.

We herewith advise that the Glomar III vessel will suspend operations at the site of Bream No.1 well (Latitude 38° 31' 09", Longitude 147° 47' 45") on January 25 - 26, and proceed to Melbourne for maintenance and inspection.

A marker buoy will be at the location during the period that the Glomar is in port.

Yours faithfully,

W.M. Lonie BA

W.M. Lonie, General Manager.

*Noted
Jan. 21/69
J.B.*

memphis

*Shipping & Transport
closed 12:30 pm
20/1/69
M.L.*

16th. January, 1969.

Memorandum to

The Director of Petroleum & Natural Gas:

Movement of "Glomar III drilling rig.

Mr. B. Hopkins of Hematite Petroleum Pty. Ltd. has requested by telephone that Hematite's letter of the 15th. January, 1969 be regarded as a request for the Designated Authority to give his permission for this move, as this move will occur in less than 7 days after the notification of the move.

It is now anticipated that the vessell will move on the 18th. January, 1969.

P.W. Bollen.

ALL COMMUNICATIONS SHOULD BE ADDRESSED TO
SECRETARY FOR MINES

TELEPHONE: 654 4388



MINES DEPARTMENT
WEST TOWER, PRINCES GATE
171 FLINDERS STREET
MELBOURNE, VIC. 3000

16th. January, 1969.

Memorandum to

The Director of Petroleum & Natural Gas:

Movement of "Glomar III drilling rig."

Mr. B. Hopkins of Hematite Petroleum Pty. Ltd. has requested by telephone that Hematite's letter of the 15th. January, 1969 be regarded as a request for the Designated Authority to give his permission for this move, as this move will occur in less than 7 days after the notification of the move.

It is now anticipated that the vessel will move on the 18th. January, 1969.

A handwritten signature in dark ink, appearing to read "P.W. Bollen".

P.W. Bollen.

Hematite Petroleum Proprietary Limited



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MZ:JHM:H

January 15, 1969.

Secretary for Mines,
Mines Department,
West Tower, Princes Gate,
171 Flinders Street,
MELBOURNE, Vic., 3000.



Dear Sir,

EO2/1 - Gippsland Basin Drilling.

We wish to notify the Department of the movement of a drilling rig. The following information is submitted:

- 1. Name of Unit: Glomar III.
- 2. Present Location: Mullet l.
Latitude 39° 13' 02" S
Longitude 147° 51' 22" E
- 3. Future Location: Bream l.
Latitude 38° 31' 09" S
Longitude 147° 47' 45" E
- 4. Date of movement: On or about January 19, 1969. The exact date will be notified when available.

dm Gordon

As this notice is less than 7 days, the Minister's approval is required. It is recommended that approval be given

Yours faithfully,

L.G.W. 17/1/69. W.M. Lonie

W.M. Lonie, General Manager.

The Hon the Minister
approval is recommended

~~_____~~
[Signature]

APPROVED
[Signature]
DIRECTOR FOR
16/1/69

[Signature]