

INDEX OF DOCUMENTS HELD ON THE PUBLIC REGISTER FOR PPL 21

1. 1 May 1979 Licence document dated 30 April 1979.
Effective: 1 May 1979
Expiry: 30 April 2000
2. 19 September 1985 Notice of grant of licence in the South Australian Government Gazette dated 19 September 1985, page 888.
3. 15 May 1986 Memorandum entering the receipt of the following document on the public register:
 - Deed of Transfer dated 1 May 1986.
4. 15 May 1986 Licence document following transfer to Air Liquide:

Licence document dated 15 May 1986.
Effective: 1 May 1979
Expiry: 30 April 2000
5. 5 June 1986 Receipt of Bank Guarantee in respect of PPL 21
6. 15 April 1992 Memorandum entering the following document on the public register:
 - Variation of licence conditions.
7. 21 April 1997 Certificate of Registration on Change of Name:

From: Liquid Air Australia Limited
To: Air Liquide Australia Limited
8. 21 April 1997 Memorandum entering the following document on the public register:
 - Variation of Licence Conditions dated 21 April 1997
9. 20 April 2000 Renewal of PPL 21

Effective: 1 May 2000
Expiry: 30 April 2021
10. 2 May 2000 Memorandum entering the renewal of licence on the public register.
11. 4 May 2000 Notice of grant of licence in the South Australian Government Gazette dated 4 May 2000, page 2413.

12. 26 June 2017 Suspension of licence for the period from and including 28 April 2017 to 27 April 2018.

PPL 21 is due to expire 30 April 2022.
13. 26 June 2017 Memorandum entering the suspension of licence on the public register.
14. 4 July 2017 Gazettal of suspension of licence.
15. 1 August 2017 Temporary cessation of suspension of licence for one (1) day on the 2 August 2017.

The expiry date of PPL 21 remains as 30 April 2022.
16. 1 August 2017 Memorandum entering the temporary cessation of suspension of licence on the public register.
17. 8 August 2017 Gazettal of temporary cessation of suspension of licence.
18. 28 February 2018 Partial surrender of licence area.
19. 28 February 2018 Memorandum entering partial surrender on the public register.
20. 6 March 2018 Gazettal of partial surrender.

PETROLEUM AND GEOTHERMAL ENERGY ACT 2000
PARTIAL SURRENDER OF PETROLEUM PRODUCTION LICENCE

PPL 21

Notice is hereby given that I have accepted the partial surrender of the abovementioned petroleum production licence under the provisions of the *Petroleum and Geothermal Energy Act 2000*, pursuant to delegated powers dated 31 March 2017 -

No of Licence	Licensee	Locality	Effective Date of Surrender	Approximate area surrendered in km ²	Reference
PPL 21	Air Liquide Australia Limited	Otway Basin	19/02/2018	143.94	F2012/000736

Description of Licence Area Remaining

All that part of the State of South Australia, bounded as follows:-

Commencing at a point being the intersection of latitude 37°56'10"S GDA94 and longitude 140°54'09"E GDA94, thence east to longitude 140°54'50"E GDA94, south to latitude 37°56'43"S GDA94, west to longitude 140°54'09"E GDA94, and north to point of commencement.

AREA: **1.02** square kilometres approximately.

Date: 26 February 2018

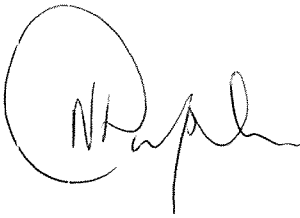
NICK PANAGOPOULOS
Executive Director
Energy Resources Division
Department of the Premier and Cabinet
Delegate of the Minister for Mineral Resources and Energy

Petroleum and Geothermal Energy Act 2000
S.115

MEMORANDUM

PETROLEUM PRODUCTION LICENCE
PPL 21

1. Partial surrender of the abovementioned Petroleum Production Licence with effect from 19 February 2018 is hereby entered on the public register.

A handwritten signature in black ink, appearing to read 'Nick Panagopoulos', enclosed within a hand-drawn circle.

NICK PANAGOPOULOS
A/Executive Director
Energy Resources Division
Department of the Premier and Cabinet
Delegate of the Minister for Mineral Resources and Energy

Date: 26 February 2018

Petroleum and Geothermal Energy Act 2000

PARTIAL SURRENDER OF PETROLEUM PRODUCTION LICENCE PPL 21

I, NICK PANAGOPOULOS, Acting Executive Director, Energy Resources Division, Department of the Premier and Cabinet, in the State of South Australia, pursuant to the provisions of section 89(2) of the *Petroleum and Geothermal Energy Act 2000* and all other enabling powers, for and on behalf of Tom Koutsantonis, Minister for Mineral Resources and Energy (Minister), pursuant to delegated powers dated 31 March 2017:

1. hereby accept the partial surrender of Petroleum Production Licence PPL 21 with effect from 19 February 2018.
2. the total area of PPL 21 is now 1.02 km² as described in the Schedule hereto.

Dated: 26 February 2018



NICK PANAGOPOULOS
A/Executive Director
Energy Resources Division
Department of the Premier and Cabinet
Delegate of the Minister for Mineral Resources and Energy

SCHEDULE

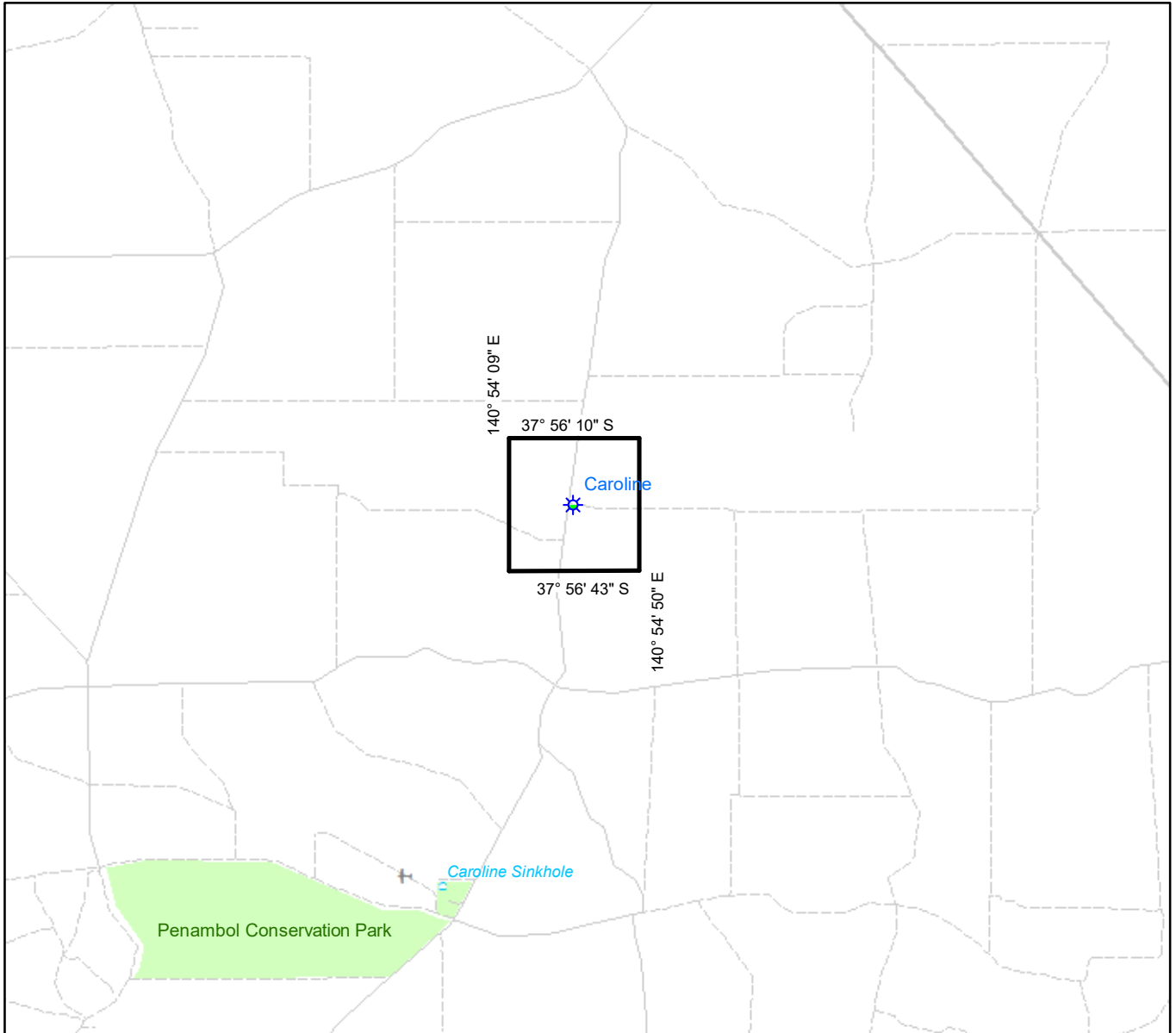
PETROLEUM PRODUCTION LICENCE PPL 21

DESCRIPTION OF AREA

All that part of the State of South Australia, bounded as follows:-

Commencing at a point being the intersection of latitude 37°56'10"S GDA94 and longitude 140°54'09"E GDA94, thence east to longitude 140°54'50"E GDA94, south to latitude 37°56'43"S GDA94, west to longitude 140°54'09"E GDA94, and north to point of commencement.

AREA: **1.02** square kilometres approximately.



SCALE 1:50 000



Note: There is no warranty that the boundary of this licence is correct in relation to other features of the map. The boundary is to be ascertained by reference to the Geocentric Datum of Australia (GDA94) and the schedule.

THE PLAN HEREINBEFORE REFERRED TO
CAROLINE FIELD
PETROLEUM PRODUCTION LICENCE NO: 21

PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

*Temporary Cessation of Suspension
Petroleum Production Licence
PPL 21*

PURSUANT to section 90 of the Petroleum and Geothermal Energy Act 2000, notice is hereby given that the suspension of petroleum production licence PPL 21 dated 26 June 2017 has been temporarily ceased under the provisions of the Petroleum and Geothermal Energy Act 2000, for a period of one (1) day on 2 August 2017.

The balance of the period of the period of suspension granted on 26 June 2017 will resume with effect from 3 August 2017 until 28 April 2018 inclusive.

The expiry date of PPL 21 remains as 30 April 2022.

Dated 1 August 2017.

BARRY A. GOLDSTEIN, Executive Director, Energy Resources Division,
Department of the Premier and Cabinet, Delegate of the Minister for Mineral Resources and Energy

Petroleum and Geothermal Energy Act 2000
S.115

MEMORANDUM

**TEMPORARY CESSATION OF SUSPENSION OF
PETROLEUM PRODUCTION LICENCE
PPL 21**

Temporary cessation of suspension of licence is hereby entered on the public register.



BARRY A. GOLDSTEIN
Executive Director
Energy Resources Division
Department of the Premier and Cabinet
Delegate of the Minister for Mineral Resources and Energy

Date: 1 August 2017

Ref: F2012/000736

Petroleum and Geothermal Energy Act 2000
S.90

TEMPORARY CESSATION OF SUSPENSION

PETROLEUM PRODUCTION LICENCE
PPL 21

I, BARRY A. GOLDSTEIN, Executive Director Energy Resources Division, Department of the Premier and Cabinet, in the State of South Australia, pursuant to the provisions of the *Petroleum and Geothermal Energy Act 2000* and all other enabling powers, for and on behalf of Tom Koutsantonis, Minister for Mineral Resources and Energy (Minister), pursuant to delegated powers dated 31 March 2017 hereby –

- (a) approve the temporary cessation of the suspension dated 26 June 2017 of petroleum production licence PPL 21 for one (1) day on 2 August 2017.
1. Regulated activities are permitted to be carried out during this period of temporary cessation of suspension.
 2. The suspension dated 26 June 2017 will resume with effect from 3 August 2017 until 28 April 2018 inclusive.
 3. The expiry date of PPL 21 remains as 30 April 2022.

Dated: 1 August 2017



BARRY A. GOLDSTEIN
Executive Director
Energy Resources Division
Department of the Premier and Cabinet
Delegate of the Minister for Mineral Resources and Energy

PETROLEUM AND GEOTHERMAL ENERGY ACT 2000

Suspension of Petroleum Production Licence—PPL 21

PURSUANT to Section 90 of the Petroleum and Geothermal Energy Act 2000, notice is hereby given that the abovementioned Petroleum Production Licence has been suspended for the period from and including 28 April 2017 to 27 April 2018, under the provisions of the Petroleum and Geothermal Energy Act 2000, pursuant to delegated powers dated 31 March 2017.

The expiry date of PPL 21 is now determined to be 30 April 2022.

Dated 26 June 2017.

B. A. GOLDSTEIN,
Executive Director,
Energy Resources Division,
Department of the Premier and Cabinet,
Delegate of the Minister for Mineral Resources and Energy

Petroleum and Geothermal Energy Act 2000
S.115

MEMORANDUM

PETROLEUM PRODUCTION LICENCE
PPL 21

1. Suspension of this licence is hereby entered on the public licence register.



BARRY A. GOLDSTEIN
Executive Director
Energy Resources Division
Department of the Premier and Cabinet
Delegate of the Minister for Mineral Resources and Energy

Date: 26 June 2017

Ref: F2012/000736

Petroleum and Geothermal Energy Act 2000
S.90

**SUSPENSION OF
PETROLEUM PRODUCTION LICENCE
PPL 21**

I, BARRY ALAN GOLDSTEIN, Executive Director Energy Resources Division, Department of the Premier and Cabinet, in the State of South Australia, pursuant to the provisions of the *Petroleum and Geothermal Energy Act 2000* and all other enabling powers, for and on behalf of Tom Koutsantonis, Minister for Mineral Resources and Energy (Minister), pursuant to delegated powers dated 31 March 2017 hereby -

(a) suspend petroleum production licence PPL 21 for the period from and including 28 April 2017 to 27 April 2018.

1. No regulated activities are permitted to be carried out during this period of suspension.
2. The expiry date of PPL 21 is now determined to be 30 April 2022.

Dated: 26 June 2017



BARRY A. GOLDSTEIN
Executive Director
Energy Resources Division
Department of the Premier and Cabinet
Delegate of the Minister for Mineral Resources and Energy

4 May 2000]

THE SOUTH AUSTRALIAN GOVERNMENT GAZETTE

2413

GRANT OF FIRST RENEWAL OF PETROLEUM PRODUCTION LICENCE 21

Department of Primary Industries and Resources, Adelaide, 27 April 2000

NOTICE is hereby given that pursuant to delegated powers dated 20 November 1997, *Gazetted* 4 December 1997, page 1526, the undermentioned Petroleum Production Licence has been renewed under the provisions of the Petroleum Act 1940.

D. R. MUTTON, Chief Executive, Delegate of the Minister for Primary Industries and Resources

No. of Licence	Licensees	Locality	Date of Expiry	Area in km ²	Reference
21	Air Liquide Australia Ltd	Orway Basin area of South Australia	30 April 2021	144.96	SR.28.1.58 v4

Description of the Area

All that part of the State of South Australia bounded as follows: Commencing at a point being the intersection of latitude 37°53'30"S and longitude 140°50'00"E, thence east to the border of the States of Victoria and South Australia, thence southerly along the border to latitude 38°00'00"S, then west to longitude 140°52'30"E, thence north to latitude 37°58'30"S, thence west to longitude 140°50'00"E, thence north to latitude 37°57'30"S, thence west to longitude 140°48'30"E, thence north to latitude 37°56'30"S, thence west to longitude 140°47'30"E, thence north to latitude 37°55'00"S, thence east to longitude 140°50'00"E, thence north to the point of commencement, all the within latitudes and longitudes being geodetic and expressed in terms of the Australian Geodetic Datum as defined on p. 4984 of *Commonwealth Gazette* number 84 dated 6 October 1966.

ROADS (OPENING AND CLOSING) ACT 1991:
SECTION 24NOTICE OF CONFIRMATION OF ROAD
PROCESS ORDER

*Public Road (walkway) adjacent Swanport Road, Murray Bridge
Deposited Plan 53976*

BY Road Process Order made on 29 November 1999, the Rural City of Murray Bridge ordered that:

1. The whole of the public road (walkway) south-east of Swanport Road adjoining allotment 13 in Filed Plan 39433 more particularly lettered 'A' in Preliminary Plan No. PP32/0414 be closed.
2. The whole of the land subject to closure be transferred to THOMAS JOHN McPHAIL in accordance with agreement for transfer dated 29 November 1999 entered into between the Rural City of Murray Bridge and T. J. McPhail.

On 10 January 2000 that order was confirmed by the Minister for Administrative Services conditionally on approval and deposit of the survey plan by the Registrar-General. The condition has now been fulfilled.

Pursuant to section 24(5) of the Roads (Opening and Closing) Act 1991, NOTICE of the order referred to above and its confirmation is hereby given.

Dated 4 May 2000.

K. SARNECKIS, Acting Surveyor-General

ROADS (OPENING AND CLOSING) ACT 1991

*Road Closure—Cross Keys Road and Mawson Lakes Boulevard,
Mawson Lakes*

NOTICE is hereby given, pursuant to section 10 of the Roads (Opening and Closing) Act 1991, that the CITY OF SALISBURY proposes to make a Road Process Order to close and transfer to the LAND MANAGEMENT CORPORATION portion of the public roads (Cross Keys Road and Mawson Lakes Boulevard) adjoining the northern and southern boundary (respectively) of allotment 507 in Deposited Plan 50045, shown more particularly delineated and lettered 'A' and 'B' (respectively) on the Preliminary Plan No. PP32/0561.

A copy of the plan and a statement of persons affected are available for public inspection at the office of the Council at 8 James Street, Salisbury and the Adelaide office of the Surveyor-General during normal office hours.

Any application for easement or objection must set out the full name, address and details of the submission and must be fully supported by reasons.

The application for easement or objection must be made in writing to the Council at P.O. Box 8, Salisbury, S.A. 5108 WITHIN 28 DAYS OF THIS NOTICE and a copy must be forwarded to the Surveyor-General at G.P.O. Box 1354, Adelaide, S.A. 5001. Where a submission is made, the Council will give notification of a meeting at which the matter will be considered.

Dated 4 May 2000.

K. SARNECKIS, Acting Surveyor-General

ROADS (OPENING AND CLOSING) ACT 1991

Road Closure—Grenfell Road, Wynn Vale

NOTICE is hereby given, pursuant to section 10 of the Roads (Opening and Closing) Act 1991, that the CITY OF TEA TREE GULLY proposes to make a Road Process Order to close and transfer to P. and A. Ovenden portion approximately 6 m wide of the public road (Grenfell Road being allotment 219 in DP 10931) adjoining allotment 107 in Deposited Plan 10931 shown delineated and lettered 'A' on Preliminary Plan No. PP32/0562.

A copy of the plan and a statement of persons affected are available for public inspection at the offices of the Council at 571 Montague Road, Modbury and the Adelaide office of the Surveyor-General during normal office hours.

Any application for easement or objection must set out the full name, address and details of the submission and must be fully supported by reasons.

The application for easement or objection must be made in writing to the Council at P.O. Box 571, Modbury, S.A. 5092 WITHIN 28 DAYS OF THE DATE OF THIS NOTICE and a copy must be forwarded to the Surveyor-General at G.P.O. Box 1354, Adelaide, S.A. 5001. Where a submission is made, the Council will give notification of a meeting at which the matter will be considered.

Dated 4 May 2000.

K. SARNECKIS, Acting Surveyor-General

**SOUTH AUSTRALIA
PETROLEUM ACT 1940**

**FIRST RENEWAL OF
PETROLEUM PRODUCTION LICENCE NO. 21**

I, **DENNIS RAY MUTTON**, Chief Executive, Department of Primary Industries and Resources (CE) in the State of South Australia pursuant to the provisions of the Petroleum Act, 1940 and all other enabling powers for and on behalf of Robert Gerard Kerin, Minister for Primary Industries and Resources (Minister), pursuant to delegation dated 20 November 1997, (refer Government Gazette dated 4 December 1997 page 1526), **HEREBY GRANT TO :-**

- Air Liquide Australia Limited, ACN 004 385 782 of 380 St Kilda Road, Melbourne, Victoria 3004;

(hereinafter referred to as '**the Licensee**') a Petroleum Production Licence in respect of the area described below and subject to the conditions set out below, to have effect for a period of twenty-one (21) years to expire on the 30th day of April 2021 but carrying the rights of renewal conferred by the Petroleum Act 1940.

DESCRIPTION OF THE AREA

The land comprised in this licence is that part of the State of South Australia described in the Schedule hereto.

CONDITIONS

1. The Licensee shall at all times comply with:
 - (a) the provisions of the Petroleum Act 1940 or any statutory modification or re-enactment thereof and of any regulations for the time being and from time to time in force under that Act; and
 - (b) all directions given to them under the Act or regulations for the time being and from time to time in force under that Act.
2. The Licensee shall pay to the Minister a royalty calculated as follows:
 - (1) The royalty rate to be ten per centum (10%) of the wellhead value (WHV).
 - (2) WHV is determined to be twenty nine per centum (29%) of the sales price per tonne of Caroline CO₂ production obtained as follows:
 - (a) for the period 1 May 2000 to 7 August 2001, the sales price obtained from BOC Gases Australia Limited set out in the contract dated 8 August 1996, and

- (b) for the period 8 August 2001 to 30 April 2005 the sales price obtained from BOC Gases Australia Limited in the contract that replaces the contract dated 8 August 1996, provided there is no greater than a 10% decrease in the Consumer Price Index All Groups adjusted price effective under the contract as at 7 August 2001 during any 12 month period of the replacement contract with BOC Gases Australia Ltd.
 - (3) WHV to be relative to all production at the wellhead.
 - (4) Royalty to be paid within 30 days of the conclusion of each calendar month.
 - (5) Pursuant to the provisions of the Petroleum Act, 1940, and until the Petroleum Bill, 1999, is enacted in its place, the annual licence fees for this licence may be deducted from the royalty payable provided that the amount of royalty payable relative to any particular month shall not be less than zero.
 - (6) The Minister reserves the right to review the WHV if the conditions precedent in sub-clause 2 (2) (b) are not satisfied including if the replacement contract with BOC Gases Australia Ltd is not entered into, is terminated, expires or is substituted during the term of this renewed licence, or if material evidence suggests that there has been a significant sustained change in post wellhead costs relative to the production and distribution of Caroline CO₂ including any impacts of the Commonwealth Goods and Services Tax.
 - (7) The Minister in any event reserves the right to review the royalty payable by the Licensee after each five year term of this renewed licence. In this regard, the Licensee shall submit to the Minister during the 6 month period immediately prior to the expiry of each five year licence period a proposal for the payment of royalty during the next ensuing five year licence period. The first review is due during the period 1 November 2004 to 30 April 2005.
 - (8) The Licensee, upon provision of material evidence to the Minister of a significant sustained change in post wellhead costs relative to the production and distribution of Caroline CO₂, can request the Minister to review the WHV.
3. The Licensee shall effect and maintain throughout the term of this licence any renewals thereof such policy or policies of insurance as may be necessary and sufficient to cover the risks associated with the licensee's operations, including but not limited to:
 - (1) a policy of insurance known as control of well insurance, in which the limit of such insurance is not less than \$5 million in respect of any one claim;
 - (2) a policy of insurance in respect of the risk of injury to or the death of any person or damage to or destruction of the property of any person in which

the limit of such insurance is not less than \$5 million in respect of any one claim: and

- (3) insurance in respect of all plant and equipment of the licensee to the full insurable value thereof

provided that the Minister may from time to time require the limits of such insurance policies to be varied to such other sum as the Minister considers appropriate and may further require policies of insurance to be effected and maintained in respect of such further or other risks as the Minister considers appropriate.

- 4. The Licensee shall submit to the Minister within 9 months of the commencement of this renewed Licence an Environmental Impact Report and Statement of Environmental Objectives in accordance with the requirements specified in the Petroleum Bill 1999.

Signed by the Chief Executive,
Department of Primary Industries and Resources at Adelaide

this 20th day of April 2000

Dennis Ray Mutton
Chief Executive
Department of Primary Industries and Resources
Delegate of the Minister for Primary Industries
and Resources

SIGNED, SEALED AND DELIVERED)
by the said **LICENSEE** at MELBOURNE)
this 27th day of APRIL 2000)

THE COMMON SEAL of **AIR LIQUIDE**)
AUSTRALIA LIMITED was hereunto)
affixed in the presence of:)



(Director)

(Secretary)

SCHEDULE

PETROLEUM PRODUCTION LICENCE NO. 21

DESCRIPTION OF AREA

All that part of the State of South Australia, bounded as follows:-

Commencing at the point of intersection of latitude 37° 53' 30" South and longitude 140°50'00"East;

thence east to the border of the States of Victoria and South Australia;

thence southerly along the border to latitude 38° 00' 00" South;

thence West to Longitude 140° 52' 30" East;

thence North to Latitude 37° 58' 30" South;

thence West to Longitude 140° 50' 00" East;

thence North to Latitude 37° 57' 30" South;

thence West to Longitude 140° 48' 30" East;

thence North to Latitude 37° 56' 30" South;

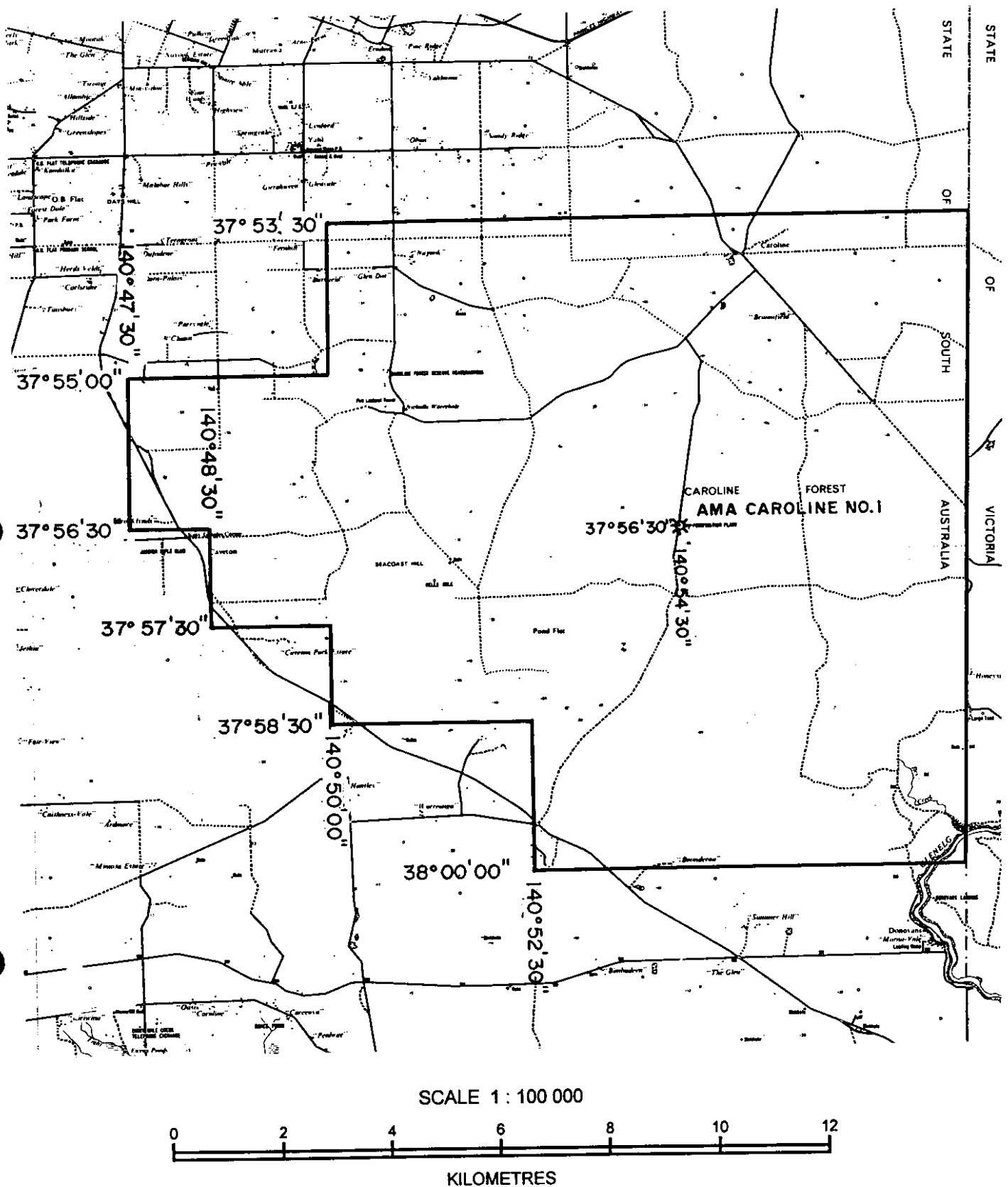
thence West to Longitude 140° 47' 30" East;

thence North to Latitude 37° 55' 00" South;

thence East to Longitude 140° 50' 00" East,

thence North to the point of commencement, all the within latitudes and longitudes being geodetic and expressed in terms of the Australian Geodetic Datum as defined on p. 4984 of Commonwealth Gazette number 84 dated 6 October 1966.

AREA: 144.96 square kilometres approximately.



All the within latitudes and longitudes are geodetic and expressed in terms of the Australian Geodetic Datum as defined on page 4984 of Commonwealth Gazette number 84 dated 6 October 1966, except those latitudes and longitudes underlined which are expressed in terms of Clarke 1858 Spheroid (Transverse Mercator Projection)

AIR LIQUIDE AUSTRALIA LTD

CAROLINE FIELD

PETROLEUM PRODUCTION LICENCE NO. 21



PRIMARY INDUSTRIES
AND RESOURCES SA

SR 28/1/58

AREA: 144.96 sq km (approx)

MEMORANDUM

SECTION 44 PETROLEUM ACT 1940

FIRST RENEWAL OF PETROLEUM PRODUCTION LICENCE NO. 21

1. This renewed licence granted on 27th April 2000 is hereby entered on the Petroleum Register.
2. A security of \$4,000.00 Bank Guarantee is being held with respect to this licence.
3. Interests in the licence are:

Air Liquide Australia Ltd 100%



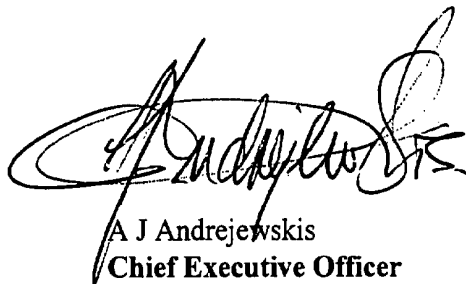
R A LAWS
DIRECTOR PETROLEUM GROUP
OFFICE OF MINERALS AND ENERGY RESOURCES
Delegate of the Minister for Primary Industries and Resources

2 / 5 / 2000

MEMORANDUM

PETROLEUM PRODUCTION LICENCE NO. 21

A Variation of Licence Conditions to take effect 1 July 1996 is hereby entered on the Petroleum Register.



A J Andrejewskis
Chief Executive Officer
MINES AND ENERGY RESOURCES
Delegate of the Minister for Mines

21 April 1997

SR 28/1/32

PETROLEUM ACT, 1940

I, Andrew Joseph Andrejewskis, Chief Executive Officer, Department of Mines and Energy Resources (CEO) in the State of South Australia pursuant to the provisions of the Petroleum Act, 1940 and all other enabling powers, for and on behalf of Stephen John Baker, Minister for Mines (Minister), pursuant to delegation dated 14 June 1995, (refer Government Gazette dated 15 June 1995, page 2845), HEREBY VARY THE CONDITIONS of Petroleum Production Licence No. 21 of which Air Liquide Australia Limited of 380 Saint Kilda Road, Melbourne, Victoria 3004 is the registered holder, as follows:

VARIED CONDITIONS

The Licensee shall comply with all the conditions specified in Petroleum Production Licence No 21 except that condition 5(a) is hereby cancelled effective as from 1 July 1996 and replaced by:

5(a) The Licensee shall pay to the Minister a royalty calculated as follows:

- (1) The royalty rate to be ten per centum (10%) of the wellhead value (WHV).
- (2) WHV is determined to be twenty five per centum (25%) of the sales price per tonne of Caroline CO₂ production obtained as follows:
 - for the period 1 July 1996 to 31 August 1996, the sales price obtained from BOC Gas Australia Limited;
 - for the period 1 September 1996 to 30 April 2000, the sales price obtained from BOC Gases Australia Limited from the contract dated 8 August 1996.
- (3) WHV to be relative to all production at the wellhead.
- (4) Royalty to be paid within 30 days of the conclusion of each calendar month.
- (5) The licence fees for this licence may be deducted from the royalty payable provided that the amount of royalty payable relative to any particular month shall not be less than zero.
- (6) The Minister reserves the right to review the WHV if the contract dated 8 August 1996 is terminated, expires or if substituted during the term of this licence or if sales as per the contract in any twelve (12) month period equates to less than twenty per centum (20%) of total Caroline production.



A J Andrejewskis
Chief Executive Officer
MINES AND ENERGY RESOURCES
Delegate of the Minister for Mines

21 April 1997

SR 28/1/32

502 0088 003

Form **245**

MINTER ELLISON MORRIS FLETCHER
ATTN: ELAINE POWELL
MINTER ELLISON 6TH FL
40 MARKET ST
MELBOURNE VIC 3000

remove this top section if desired before framing

Certificate of Registration on Change of Name

Corporations Law Sub-section 171 (12)

This is to certify that

LIQUID AIR AUSTRALIA LIMITED

Australian Company Number 004 385 782

did on the eighth day of January 1993 change its name to

AIR LIQUIDE AUSTRALIA LIMITED

Australian Company Number 004 385 782

The company is a public company.

The company is limited by shares.

The company is taken to be registered as a company
under the Corporations Law of Victoria.



AUSTRALIAN
SECURITIES
COMMISSION

Given under the seal of the
Australian Securities Commission
on this eighth day of January, 1993.



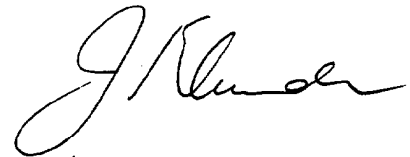
Alan Cameron

Alan Cameron
Chairman

MEMORANDUM

PETROLEUM PRODUCTION LICENCE NO 21

A Variation of Licence Conditions to take effect from 1st May 1991 is hereby entered on the Petroleum Register.



JOHN KLUNDER MP
MINISTER OF MINES AND ENERGY

15/4/92

PETROLEUM ACT, 1940

I, JOHN HEINZ CORNELIS KLUNDER, Minister of Mines and Energy in the State of South Australia pursuant to the provisions of the Petroleum Act, 1940 HEREBY VARY THE CONDITIONS of Petroleum Production Licence No 21 of which Liquid Air Australia Limited of 380 Saint Kilda Road, Melbourne, Victoria 3004 is the registered holder, as follows:

VARIED CONDITIONS

The Licensee shall comply with all the conditions specified in Petroleum Production Licence No 21 dated 15th May 1986, except that condition 5(a) is hereby cancelled effective as from 1st May 1991 and replaced by:

5(a) The Licensee shall pay to the Minister of Mines and Energy a royalty calculated as follows:

(1) The royalty rate to be a maximum of ten per centum (10%) of the wellhead value (WHV) phased in over two (2) years, namely:

- for the period 1st May 1991 to 30th April 1992, five per centum (5%) of WHV
- for the period 1st May 1992 to 30th April 1993, seven and one half per centum (7½%) of WHV
- for the period 1st May 1993, ten per centum (10%) of WHV

(2) WHV is determined to be twenty five per centum (25%) of the sales price per tonne of Caroline CO₂ production obtained from the contract dated 22nd October 1985 with the Commonwealth Industrial Gases Limited (the contract) relative to the month of production.

(3) WHV to be relative to all production at the wellhead.

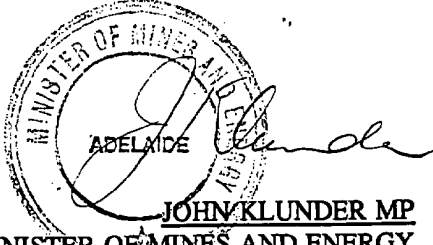
(4) Royalty to be paid within 30 days of the conclusion of each calendar month.

(5) The licence fees for this licence may be deducted from the royalty payable provided that the amount of royalty payable relative to any particular month shall not be less than zero.

(6) The Minister of Mines and Energy reserves the right to review the WHV if the contract is terminated, expires or is substituted during the term of this licence or if sales as per the contract in any twelve (12) month period equates to less than twenty per centum (20%) of total Caroline production.

(7) The Minister of Mines and Energy reserves the right to review the WHV every three (3) years, the first review effective as from 1st May 1994. In this regard, the licensee shall submit to the Minister during the six (6) month period immediately prior to the expiry of each three (3) year period a proposal for the payment of royalty for the next ensuing three (3) year period.

SIGNED, SEALED AND DELIVERED
by the said MINISTER OF MINES
AND ENERGY at ADELAIDE this
15 day of APRIL 1992


JOHN KLUNDER MP
MINISTER OF MINES AND ENERGY

In accordance with Section 117 of the *Petroleum Act 2000* (Act) this document forms part of 'The Commercial Register'.

Section 118 of the Act provides for the following:

Authority to search register

(1) A person is entitled to have access to the material included in the commercial register, on payment of the prescribed inspection fee, if the access is authorised by—

- (a) a person who has a legal or equitable interest in the relevant licence or registered dealing; or
- (b) (b) the Minister.

(2) The Minister must not authorise access under subsection (1)(b) unless the Minister has consulted with the licensee to whom the material relates and is satisfied that access should be authorised in the public interest.

FOR FURTHER INFORMATION PLEASE CONTACT:

Department of State Development
Energy Resources Division
GPO Box 320,
Adelaide SA 5001
(08) 8463 3204

DEPARTMENT OF MINES AND ENERGY

SOUTH AUSTRALIA

191 Greenhill Road, Parkside



TELEPHONE: (08) 274 7500

TELEGRAMS: Domex

TELEX: AA88692

FACSIMILE No. 272 7597

PLEASE ADDRESS ALL
CORRESPONDENCE TO:

The Director-General

PO Box 151

Eastwood, S.A., 5063

In reply, please quote

SR 28/1/58 Vol II

GRH:AM

27th May, 1986

The Managing Director,
Liquid Air Australia Limited,
20-22 Albert Road,
SOUTH MELBOURNE, VIC., 3205



ATTENTION: MR FRANK HALLISSY
Business Manager, CO-2

Dear Sir,

Re: PPL No. 21

Following the Minister's recent approval of the transfer of PPL 21 from Alliance Minerals Australia N.L. to your company, I thought it would be useful to:-

- 1) firstly, forward you a consolidated copy of the original licence, which includes the new royalty provision and varied to show Liquid Air Australia Limited as the registered licensee (note this is for reference purposes only and has no legal status), and
- 2) secondly, to explain the relevant provisions of the licence and the S.A. Petroleum Act as they relate to the reporting of production, payment of fees and royalty etc. for the benefit of your staff.

In relation to the first matter, please find a consolidated form of PPL 21 enclosed. The wording of this document is identical to the original licence granted to Alliance Minerals Australia N.L. except that Liquid Air Australia Limited is now shown as the registered holder of the licence, and clause 5(a) of the licence has been varied as agreed. Other minor amendments have been made so that the licence is current.

With regard to the second matter, your attention is drawn to the following provisions of the Petroleum Act and the licence:-

1. Section 34 of the Petroleum Act

"A licensee who holds a petroleum production licence shall pay to the Minister annually and in advance a fee of one dollar for every hectare of the area comprised in the licence"

The annual licence fee in respect of PPL 21 is currently 144.96 sq km x 100 hectares/sq km x \$1 per hectare = \$14,496. This fee will normally be invoiced approximately one month before the due date (30th April) each year. Although payment of the fee for the 1986/87 licence year was received on 21/5/86, arrangements should be made to ensure that future licence fees are paid prior to the 30th April each year.

2. Clause 5(a) of PPL 21

"The Licensee shall pay to the Minister of Mines and Energy a royalty calculated as follows:-

- (i) for carbon dioxide produced during the period 1/5/86 - 30/4/87 \$0.5335 per tonne
- (ii) for carbon dioxide produced in subsequent licence years \$0.50 per tonne adjusted according to the formula

$$CR = BR \times \left[\frac{A}{B} \right]$$

where

CR = the royalty rate payable for carbon dioxide supplied in the licence year to which the determination relates (rounded to four decimal places)

BR = \$0.50 per tonne

A = the Australian Implicit Price Deflator for Expenditure on Gross Domestic Product published in respect of the 3 month period ending on the 30th day of September last preceding the licence year in respect of which the determination is made.

B = The Australian Implicit Price Deflator for Expenditure on Gross Domestic Product published in respect of the three month period ending on the thirtieth day of September 1984.

The Minister of Mines and Energy hereby reserves the right to review the royalty payable by the Licensee after each five year term of the licence. In this regard, the Licensee shall submit to the Minister during the 6 month period immediately prior to the expiry of each five year licence

period a proposal for the payment of royalty during the next ensuing five year licence period. The first review is due during the period 1/11/90 - 30/4/91 and the royalty formula so determined shall apply during the period 1/5/91 - 30/4/95, until the next review has taken place. Royalty shall not be payable in respect of carbon dioxide which is unavoidably lost or wasted in the course of production, gathering, treatment, storage or transportation."

3. Section 35(3) of the Petroleum Act

"An annual fee paid by a licensee under section 34 of this Act in respect of a particular year may be set off against royalty payable by the licensee upon petroleum recovered during that year if the petroleum is recovered from an area comprised in the licence in respect of which the fee was paid, or from a contiguous area comprised in a licence held by the same licensee".

4. Clause 11 of the Petroleum Regulations

(1) "The amount payable to the Minister on account of royalty shall be due and payable not later than one month from the end of each royalty calculation period

(2) A royalty calculation period shall be as determined for each licence by the Minister, after consultation with the titleholder

(3) "Royalty calculation period" for the purpose of this regulation means the period during which royalty payable under a licence accrues"

Royalty is due and payable without invoicing.

5. Clause 5(c) of PPL 21

"The royalty calculation period referred to in sub-regulation (3) of regulation 11 of the Petroleum Regulations, 1970, for the purposes hereof shall be one calendar month commencing on the first day of May 1979 and thereafter commencing on the first day of each and every calendar month".

6. Section 35(4) of the Petroleum Act

"The licensee shall in each month furnish the Minister with a statement in a form approved by the Minister in relation to the last preceding month, of the quantity of petroleum recovered, the quantity of any petroleum or derivatives therefrom which has or have been sold and the amount realised upon such sale and with such other information as the Minister may, by notice in writing served personally or by post upon the licensee, require."

The effect of these provisions is that the annual rental fee on PPL 21 is due and payable by no later than 30th April each year. In fact, Section 83 of the Petroleum Act provides for certain penalties if the annual rental fee (or royalty) is not paid by the due date. Payment of the annual rental on the 30th April each year effectively puts your licence in credit as far as the royalty calculation is concerned for the year ending the 30th April following, until such time as the cumulative royalty payable for that licence year exceeds the annual rental previously paid. Once the the cumulative royalty payable exceeds the annual rental previously paid for that licence year, the amount over and above the annual rental is payable on a monthly basis within one month of it becoming due. This will only occur in 1986/87 if more than 27,172 tonnes of CO2 is taken (i.e. $\$14,496 \div 0.5335 = 27,171.51$).

In relation to reporting the quantity of CO2 taken, the arrangement made with Alliance Minerals was for them to forward such a statement by the end of each and every following month i.e. the statement for May was forwarded by the end of June, the statement for June was forwarded by the end of July etc. I see no reason to vary this arrangement and would be pleased if you could continue it accordingly.

I would like to take this opportunity to remind you of the licence condition whereby "the Licensee shall submit to the Minister during the 6 month period immediately prior to the expiry of each five year licence period a proposal for the payment of royalty during the next ensuing five year licence period". The first review in this regard is due during the period 1/11/90 - 30/4/91. It would be appreciated if you could make a diary note of this requirement of the licence.

I also remind you that the Minister's approval of the transfer of the licence to your company was given on the understanding that your company would make reasonable efforts to negotiate with other petroleum exploration companies, or to undertake on its own behalf, additional exploration work in the licence area considering that the extent of the field is currently undefined and there may be other prospects in the licence area. I would be pleased to receive advice of your proposals in this regard in due course.

Finally, please note that the expiry date of the licence is 30th April 2000, and if you wish to renew the licence, it will be necessary to submit an application in the prior 6 month period.

Yours faithfully,

R.K. JOHNS
DIRECTOR-GENERAL

1986 Version of Original Licence Following Transfer
of Licence to Liquid Air Australia Limited,
Approved by the Minister of Mines and Energy
on 15th May 1986

SOUTH AUSTRALIA

PETROLEUM ACT, 1940

PETROLEUM PRODUCTION LICENCE NUMBER 21

I, RONALD GEORGE PAYNE, Minister of Mines and Energy in the State of South Australia pursuant to the Petroleum Act, 1940 and all other enabling powers HEREBY GRANT to LIQUID AIR AUSTRALIA LIMITED of 20-22 Albert Road, South Melbourne Vic. 3205 a Petroleum Production Licence in respect of the area described hereunder:-

DESCRIPTION OF THE AREA

All that part of the State of South Australia contained within the following bounds:-

Commencing at the point of intersection of
Latitude 37°53'30" South and Longitude 140°50'00" East;
thence East to the border of the States of Victoria and
South Australia;
thence Southerly along the Border to Latitude 38°00'00" South;
thence West to Longitude 140°52'30" East;
thence North to Latitude 37°58'30" South;
thence West to Longitude 140°50'00" East;
thence North to Latitude 37°57'30" South;
thence West to Longitude 140°48'30" East;
thence North to Latitude 37°56'30" South;
thence West to Longitude 140°47'30" East;
thence North to Latitude 37°55'00" South;
thence East to Longitude 140°50'00" East;
thence North to the point of commencement.

TERMS AND CONDITIONS

1. This Petroleum Production Licence (hereinafter referred to as the "Licence") is granted for a period of twenty one years commencing on the first day of May 1979.
2. The Licensee will pay the annual fee prescribed by the Petroleum Act and the royalty referred to in paragraph 5 of these Terms and Conditions and will comply with the provisions of the Petroleum Act and with any directions, whether or not in writing, given by the Minister of Mines and Energy, the Director-General, Department of Mines and Energy and any other person authorised pursuant to the terms of the Petroleum Act, in relation to the exploration for and the production, gathering, treatment, storage and transportation of petroleum.
3. The Licensee shall ensure that loss or wastage which occurs during production, gathering, treatment, storage and transportation of carbon dioxide is minimal.
4. The Licensee shall keep and maintain in writing a record of production, maximum production rate and loss or wastage incurred in respect of each and every day of carbon dioxide production, gathering and treatment and shall deliver to the Director-General, Department of Mines and Energy, 191 Greenhill Road, Parkside, 5063 before the last day of each and every calendar month a document in writing the terms of which shall contain a summary of the data so recorded in respect of the preceding calendar month.
5. (a) The Licensee shall pay to the Minister of Mines and Energy a royalty calculated as follows:
 - (i) for carbon dioxide produced during the period 1/5/86 - 30/4/87 \$0.5335 per tonne
 - (ii) for carbon dioxide produced in subsequent licence years \$0.50 per tonne adjusted according to the formula

$$CR = BR \times \left[\frac{A}{B} \right]$$

where

CR = the royalty rate payable for carbon dioxide

supplied in the licence year to which the determination relates (rounded to four decimal places)

BR = \$0.50 per tonne

A = the Australian Implicit Price Deflator for Expenditure on Gross Domestic Product published in respect of the 3 month period ending on the 30th day of September last preceding the licence year in respect of which the determination is made.

B = The Australian Implicit Price Deflator for Expenditure on Gross Domestic Product published in respect of the three month period ending on the thirtieth day of September 1984.

The Minister of Mines and Energy hereby reserves the right to review the royalty payable by the Licensee after each five year term of the licence. In this regard, the Licensee shall submit to the Minister during the 6 month period immediately prior to the expiry of each five year licence period a proposal for the payment of royalty during the next ensuing five year licence period. The first review is due during the period 1/11/90 - 30/4/91 and the royalty formula so determined shall apply during the period 1/5/91 - 30/4/95, until the next review has taken place. Royalty shall not be payable in respect of carbon dioxide which is unavoidably lost or wasted in the course of production, gathering, treatment, storage or transportation.

- (b) In the event that carbon dioxide is recovered from any well within the area of land the subject of this Licence, save and except that well presently known as "Caroline Number 1", the royalty payable hereunder by the Licensee may at the discretion of the Minister of Mines and Energy be increased or reduced.

- (c) The royalty calculation period referred to in sub-regulation (3) of regulation 11 of the Petroleum Regulations, 1970, for the purposes hereof shall be one calendar month commencing on the first day of May 1979 and thereafter commencing on the first day of each and every calendar month.
6. In the event that the Licensee hereafter shall be desirous of entering into an agreement the terms of which wholly or in part shall have the effect of varying the provisions of any agreement which at the date of the grant of this Licence contains any provision relating to the sale of petroleum recovered or to be recovered from the land the subject of this Licence, or of entering into another agreement the terms of which wholly or in part shall relate to the sale of petroleum recovered or to be recovered from the land the subject of this Licence, the Licensee shall not enter into any such agreement without first obtaining the consent in writing of the Minister of Mines and Energy.
7. This Licence is granted subject to the execution of all necessary agreements relating to the use of land dedicated as Forest Reserve for the purposes of petroleum production gathering processing storage and transportation in a form acceptable to the Minister of Mines and Energy.
8. The words "the Petroleum Act" whenever used in these Terms and Conditions, mean and include the Petroleum Act, 1940, and any Act passed by way of amendment or substitution and any regulation made pursuant thereto. The words "the Licensee" whenever used in these Terms and Conditions, mean and include Liquid Air Australia Limited and its administrators, successors and assigns.



SIGNED, SEALED AND DELIVERED by the said Minister of Mines
and Energy at ADELAIDE this 15th day of May 1986

(R.G. Payne)

SIGNED SEALED AND DELIVERED by the said Licensee this
1st day of May 1986

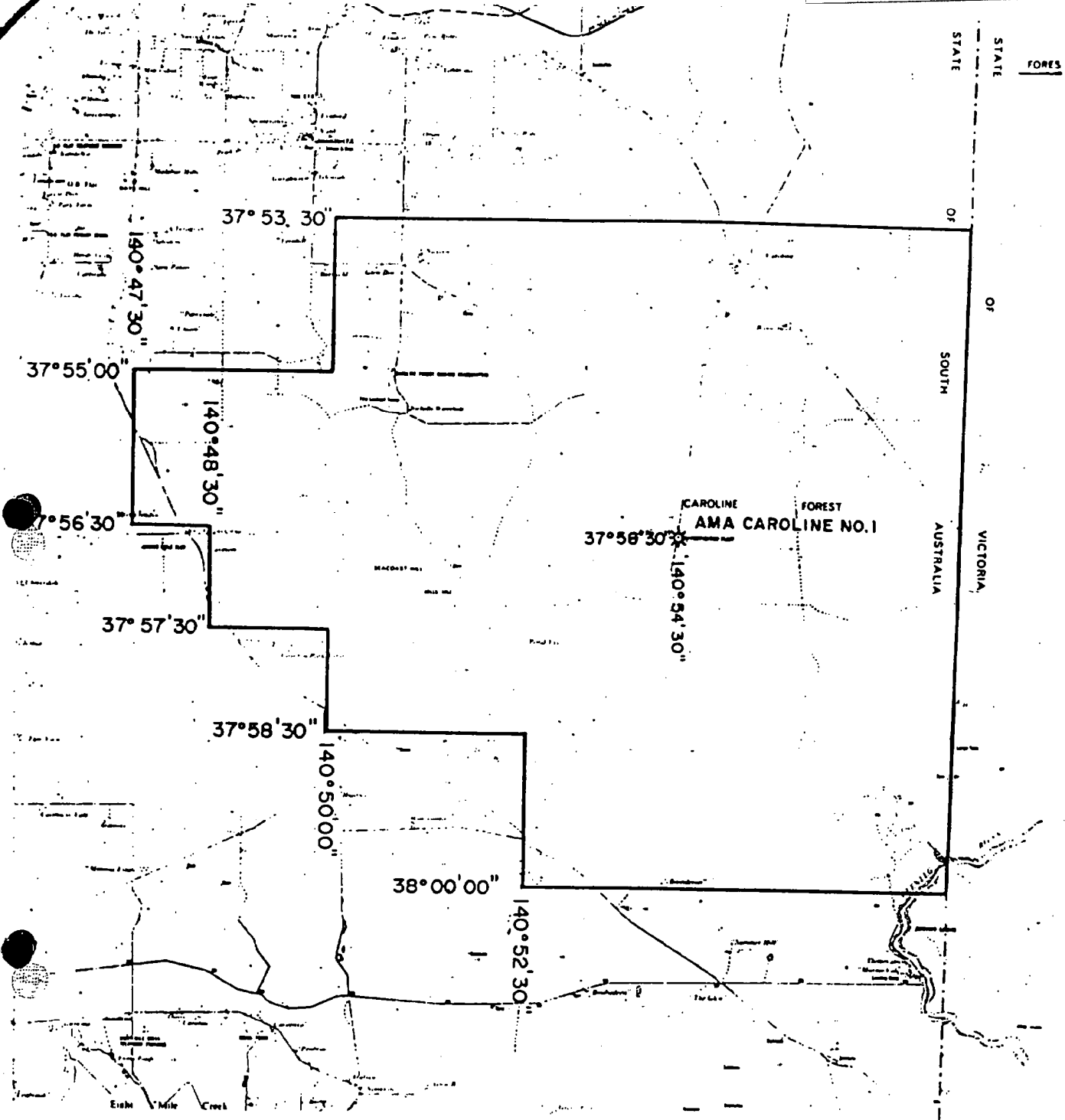
THE COMMON SEAL of LIQUID AIR)
AUSTRALIA LIMITED was hereunto)
affixed in the presence of:)

.....

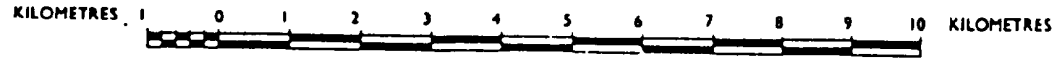
Secretary

.....

Director



SCALE 1:100 000



ALLIANCE MINERALS AUSTRALIA N.L.

PETROLEUM PRODUCTION LICENCE NO.21

144.96 km²


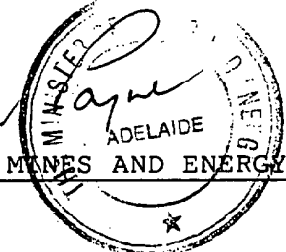
MEMORANDUM

Petroleum Production Licence No. 21

This memorandum will confirm that on 15th May 1986.....I approved a Deed of Transfer dated 1/5/86 between Alliance Minerals Australia N.L. and Liquid Air Australia Limited in respect of Petroleum Production Licence No. 21. Accordingly, Petroleum Production Licence No. 21 is now held by Liquid Air Australia Limited 100%). My approval of the transfer is subject to a new royalty provision being inserted in the licence in lieu of the existing provision found in clause 5(a) as set out in my letter to Liquid Air Australia Limited of 15th May..... of May 1986.

This memorandum is hereby entered on the Petroleum Register.

15/5/86
SR 28/1/58



MINISTER OF MINES AND ENERGY

No. of Licence	Licensees	Locality	Date of Expiry	Area in km ²	Reference
19	SANTOS Limited Delhi Petroleum Pty Ltd Vangas Limited Basin Oil No Liability Bridge Oil Limited Reef Oil No Liability	Mooran Field in the Cooper Basin	31 December 2005	36.5	SR28/1/45



Description of Area

All that part of the State of South Australia bounded as follows: Commencing at a point being the intersection of latitude 27°32'S and longitude 140°07'E, thence east to longitude 140°10'E, south to latitude 27°34'S, west to longitude 140°09'E, south to latitude 27°35'S, west to longitude 140°08'E, south to latitude 27°36'S, west to longitude 140°06'E, north to latitude 27°33'S, east to longitude 140°07'E and north to the point of commencement. All the within latitudes and longitudes are expressed in terms of the Clarke 1858 Spheroid (Transverse Mercator Projection)

No. of Licence	Licensees	Locality	Date of Expiry	Area in km ²	Reference
20	SANTOS Limited Delhi Petroleum Pty Ltd Vangas Limited Basin Oil No Liability Bridge Oil Limited Reef Oil No Liability	Terrawarra Field in the Cooper Basin	31 December 2005	127.5	SR28/1/45

Description of Area

All that part of the State of South Australia bounded as follows: Commencing at a point being the intersection of latitude 27°36'S and longitude 140°06'E, thence east to longitude 140°10'E, south to latitude 27°43'S, west to longitude 140°07'E, south to latitude 27°44'S, west to longitude 140°05'E, south to latitude 27°45'S, west to longitude 140°03'E, north to latitude 27°43'S, east to longitude 140°04'E, north to latitude 27°40'S, east to longitude 140°05'E, north to latitude 27°38'S, east to longitude 140°06'E and north to the point of commencement. All the within latitudes and longitudes are expressed in terms of the Clarke 1858 Spheroid (Transverse Mercator Projection)

No. of Licence	Licensee	Locality	Date of Expiry	Area in km ²	Reference
21	Alliance Minerals Australia No Liability	Caroline Field in the Otway Basin	30 April 2000	144.96	SR28/1/58

Description of Area

All that part of the State of South Australia bounded as follows: Commencing at a point being the intersection of latitude 37°53'30"S and longitude 140°50'00"E, thence east to the border of the State of South Australia, southerly along the said border to latitude 38°00'00"S, west to longitude 140°52'30"E, north to latitude 37°58'30"S, west to longitude 140°50'00"E, north to latitude 37°57'30"S, west to longitude 140°48'30"E, north to latitude 37°56'30"S, west to longitude 140°47'30"E, north to latitude 37°55'00"S, east to longitude 140°50'00"E and north to the point of commencement. All the within latitudes and longitudes are geodetic and expressed in terms of the Australian Geodetic Datum as defined on p.4984 of *Commonwealth Gazette* Number 84 dated October 6, 1966.

No. of Licence	Licensees	Locality	Date of Expiry	Area in km ²	Reference
22	SANTOS Limited Delhi Petroleum Pty Ltd Vangas Limited Crusader Resources NL South Australian Oil & Gas Corporation Pty Ltd	Sirzelecki Field in the Cooper Basin	31 December 2006	213.2	SR28/1/78

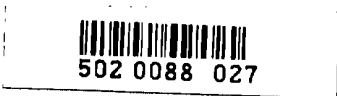
Description of Area

All that part of the State of South Australia bounded as follows: Commencing at a point being the intersection of latitude 28°08'00"S and longitude 140°31'00"E, thence east to longitude 140°34'00"E, south to latitude 28°10'00"S, east to longitude 140°40'00"E, south to latitude 28°19'00"S, west to longitude 140°35'00"E, north to latitude 28°14'00"S, west to longitude 140°31'00"E, north to latitude 28°12'30"S, west to longitude 140°29'00"E, north to latitude 28°10'00"S, east to longitude 140°31'00"E and north to the point of commencement. All the within latitudes and longitudes are expressed in terms of the Australian Geodetic Datum as defined on p.4984 of *Commonwealth Gazette* number 84 dated October 6, 1966, except those latitudes and longitudes underlined which are expressed in terms of the Clarke 1858 Spheroid (Transverse Mercator Projection)

TERMS AND CONDITIONS

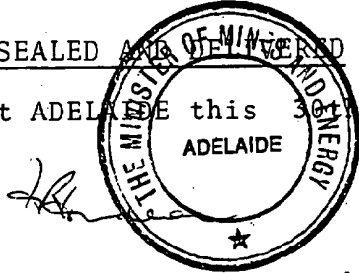
1. This Petroleum Production Licence (hereinafter referred to as the "Licence") is granted for a period of twenty one years commencing on the first day of May 1979.
2. The Licensee will pay the annual fee prescribed by the Petroleum Act and the royalty referred to in paragraph 5 of these Terms and Conditions and will comply with the provisions of the Petroleum Act and with any directions, whether or not in writing, given by the Minister of Mines and Energy, the Director-General, Department of Mines and Energy and any other person authorised pursuant to the terms of the Petroleum Act, in relation to the exploration for and the production, gathering, treatment, storage and transportation of petroleum.
3. The Licensee shall ensure that loss or wastage which occurs during production, gathering, treatment, storage and transportation of carbon dioxide is minimal.
4. The Licensee shall keep and maintain in writing a record of production, maximum production rate and loss or wastage incurred in respect of each and every day of carbon dioxide production, gathering and treatment and shall deliver to the Director-General, Department of Mines and Energy, 191 Greenhill Road, Parkside, 5063 before the last day of each and every calendar month a document in writing the terms of which shall contain a summary of the data so recorded in respect of the preceding calendar month.
5. (a) The Licensee shall pay to the Minister of Mines and Energy a royalty calculated at the rate of two and one half percentum of the value at the well-head of all carbon dioxide recovered from the land the subject of the Licence provided that royalty shall not be payable in respect of carbon dioxide which is lost or wasted in the course of production, gathering, treatment, storage or transportation.

- (b) In the event that carbon dioxide is recovered from any well within the area of land the subject of this Licence, save and except that well presently known as "Caroline Number 1", the royalty payable hereunder by the Licensee may at the discretion of the Minister of Mines and Energy be increased or reduced.
- (c) The royalty calculation period referred to in sub-regulation (3) of regulation 11 of the Petroleum Regulations, 1970, for the purposes hereof shall be one calendar month commencing on the first day of May 1979 and thereafter commencing on the first day of each and every calendar month.
6. In the event that the Licensee hereafter shall be desirous of entering into an agreement the terms of which wholly or in part shall have the effect of varying the provisions of any agreement which at the date of the grant of this Licence contains any provision relating to the sale of petroleum recovered or to be recovered from the land the subject of this Licence, or of entering into another agreement the terms of which wholly or in part shall relate to the sale of petroleum recovered or to be recovered from the land the subject of this Licence, the Licensee shall not enter into any such agreement without first obtaining the consent in writing of the Minister of Mines and Energy.
7. This Licence is granted subject to the execution of all necessary agreements relating to the use of land dedicated as Forest Reserve for the purposes of petroleum production gathering processing storage and transportation in a form acceptable to the Minister of Mines and Energy.



8. The words "the Petroleum Act" whenever used in these Terms and Conditions, mean and include the Petroleum Act, 1940-1978, and any Act passed by way of amendment or substitution and any regulation made pursuant thereto. The words "the Licensee" whenever used in these Terms and Conditions, mean and include Alliance Minerals Australia No Liability and its administrators, successors and assigns.

SIGNED, SEALED AND DELIVERED by the said Minister of Mines and Energy at ADELAIDE this 30 day of April 1979



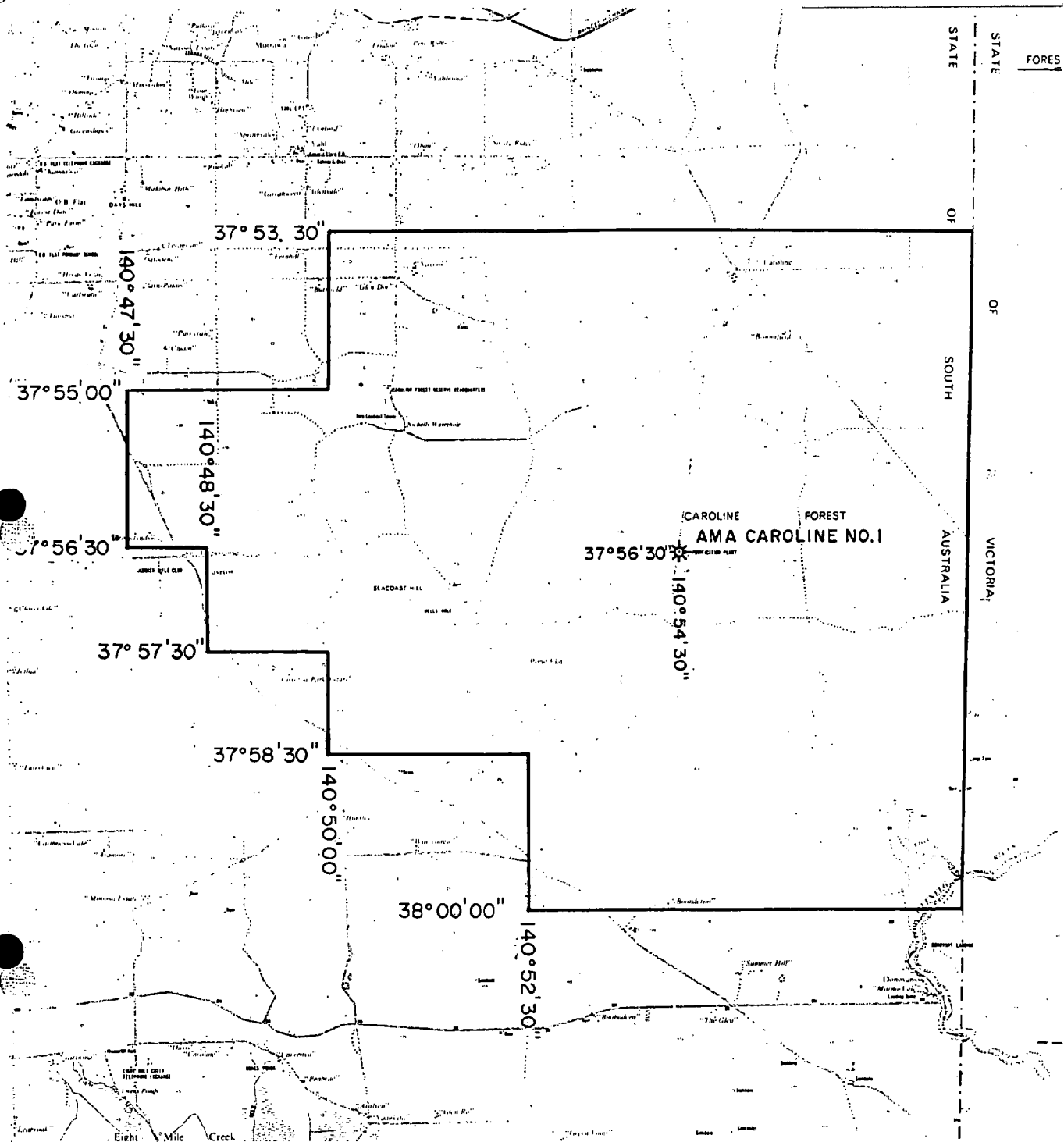
SIGNED SEALED AND DELIVERED by the said Licensee this 26th day of June 1979

THE COMMON SEAL of ALLIANCE MINERALS)
AUSTRALIA NO LIABILITY was hereunto)
affixed in the presence of:)

[Signature]
.....
Secretary

[Signature]
.....
Director

STATE OF SOUTH AUSTRALIA
STATE OF VICTORIA
FORES



SCALE 1 : 100 000



ALLIANCE MINERALS AUSTRALIA N.L.
PETROLEUM PRODUCTION LICENCE NO.21

144.96 km²

SR 28/1/58 I