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NUMBER 8083

PETROLEUM EXPLORATION OPPORTUNITIES DATA PACKAGE BROCHURES - 1989

Submitted by

South Australian Department of Mines and Energy
[Oil, Gas and Coal Division]

1989

MINES AND ENERGY SOUTH AUSTRALIA

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ENVELOPE 8083

TENEMENT: Not applicable

TENEMENT HOLDER: Mines and Energy, South Australia [*Oil, Gas and Coal Division*]

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END OF CONTENTS

PETROLEUM

EXPLORATION OPPORTUNITY

SIMPSON DESERT REGION

AREA C

DATA PACKAGE BROCHURE

DEPARTMENT OF
MINES AND ENERGY

SOUTH AUSTRALIA

March, 1989

SIMPSON DESERT REGION
EXPLORATION OPPORTUNITY

DATA PACKAGE BROCHURE - AREA C

Prepared by

OIL, GAS & COAL DIVISION

DEPARTMENT OF MINES & ENERGY
SOUTH AUSTRALIA

MARCH 1989

EXPLORATION OPPORTUNITY - AREA C

DATA PACKAGE BROCHURE

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EXPLORATION OPPORTUNITY - SIMPSON DESERT REGION
DATA PACKAGE BROCHURE - Area C

1. STATEMENT OF INTENT

Applications are invited by the 30th September, 1989 for a Petroleum Exploration Licence (PEL) in the Simpson Desert Region, over Area C, or part thereof, shown on Figure 1. Area C covers approximately 16 500 km^2 of the Eastern Pedirka Basin. The area is one of seven covering portions of the Mesozoic Eromanga and Simpson Desert Basins; Permian Pedirka and Arckaringa Basins, and the Cambrian Arrowie Basin (Fig. 2), which are now available for application following the relinquishment in early 1989 of 88 406 km^2 of the Pedirka and 4 589 km^2 of the Arrowie Sector of PELs 5 and 6, plus the relinquishment of PEL 31 (held from 1985 until late 1988). Several areas incorporate parks or reserves.

A data package has been prepared for each of the seven areas which contains a selection of regional gravity and magnetic data, seismic sections, well completion reports from petroleum, mineral and stratigraphic wells and relevant geological maps. Each selection provides a basis for a technical assessment of each area but is not intended to be comprehensive.

References to all relevant petroleum exploration work carried out to date in Area C are listed in the bibliography.

A brief review of the geology and hydrocarbon potential of Area C is set out below, together with a detailed breakdown and costing of the data package and includes a bibliography and licence application information. An order form is provided at the back of this brochure. Please note that orders received prior to May 31st 1989 will receive preference. Packages will be supplied promptly after that date.

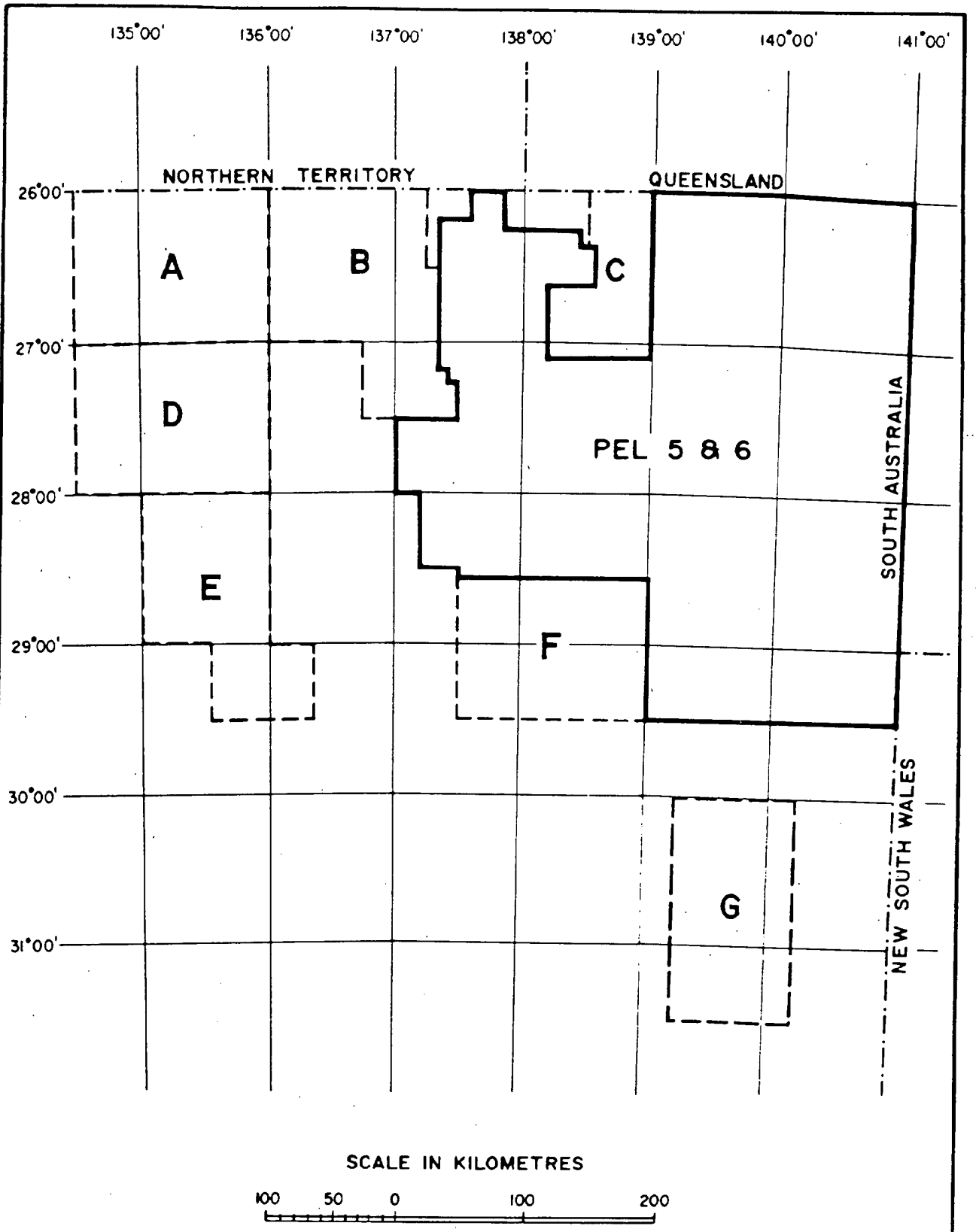

Figure 1

DEPARTMENT OF MINES AND ENERGY
SOUTH AUSTRALIA

AREAS AVAILABLE FOR APPLICATION

COMPILED R. Frears	CDO DATE
DRAWN E. Calabio	SCALE As shown
DATE Jan '89	PLAN NUMBER
CHECKED	

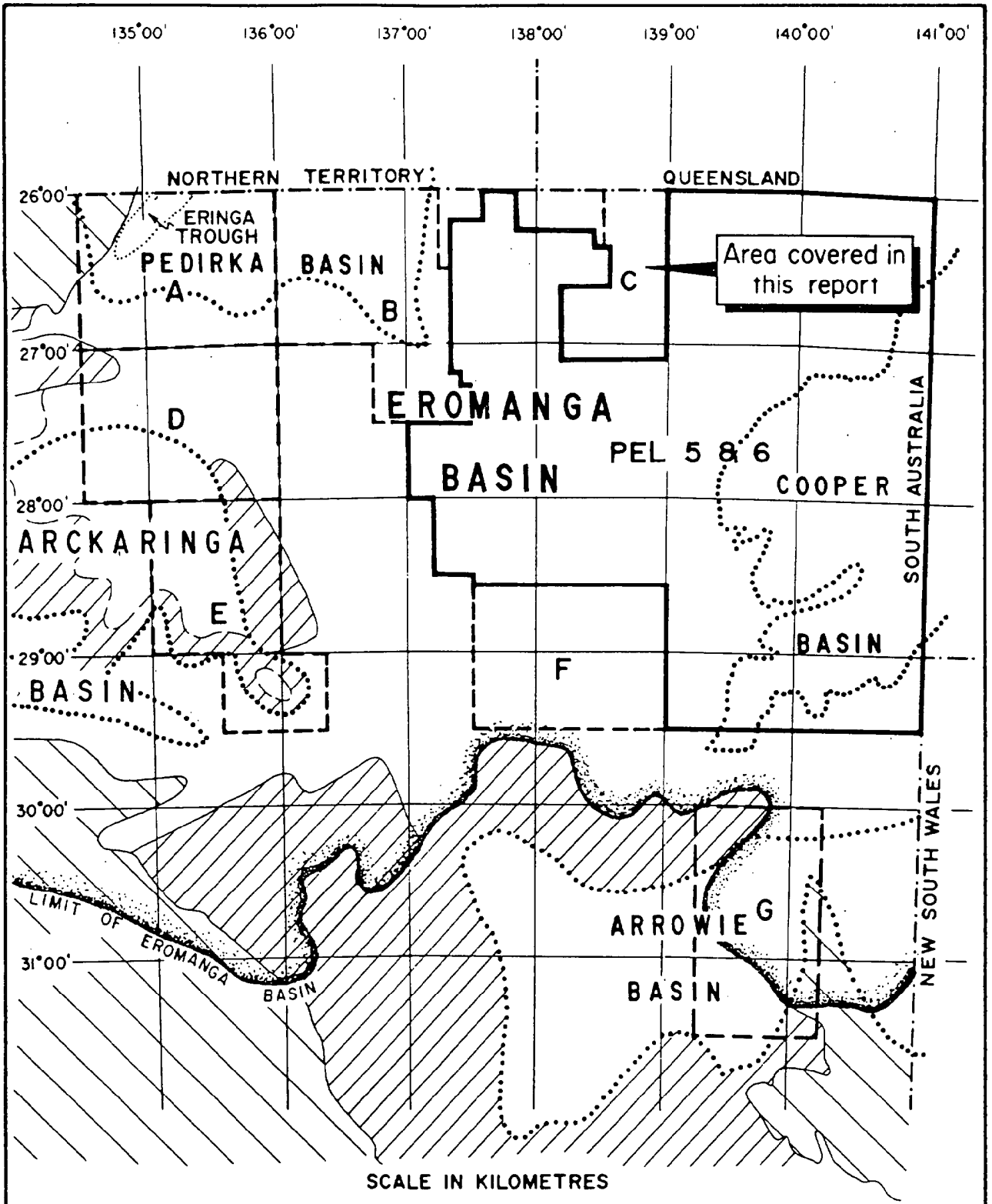

Figure 2

DEPARTMENT OF MINES AND ENERGY
SOUTH AUSTRALIA

NORTHEASTERN SOUTH AUSTRALIA
SEDIMENTARY BASINS

COMPILED R. Frears		C D O DATE
DRAWN E. Calabio	SCALE As shown	
DATE Jan. '89	PLAN NUMBER	
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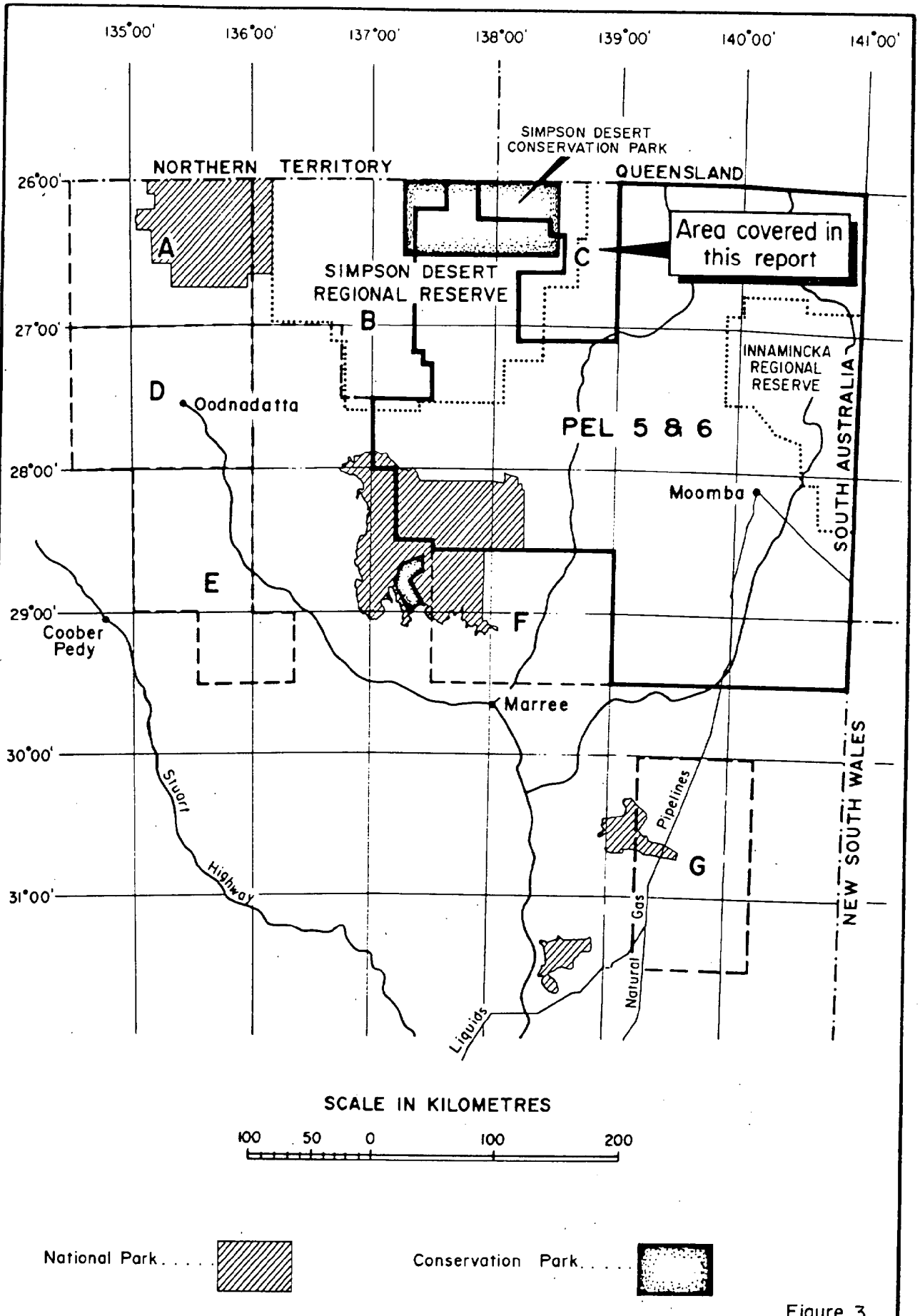


Figure 3

DEPARTMENT OF MINES AND ENERGY
SOUTH AUSTRALIA

NORTHEASTERN SOUTH AUSTRALIA
PARKS and RESERVES

COMPILED R. Frears	C D O DATE
DRAWN E. Calabio	SCALE As shown
DATE Jan.'89	PLAN NUMBER
CHECKED	

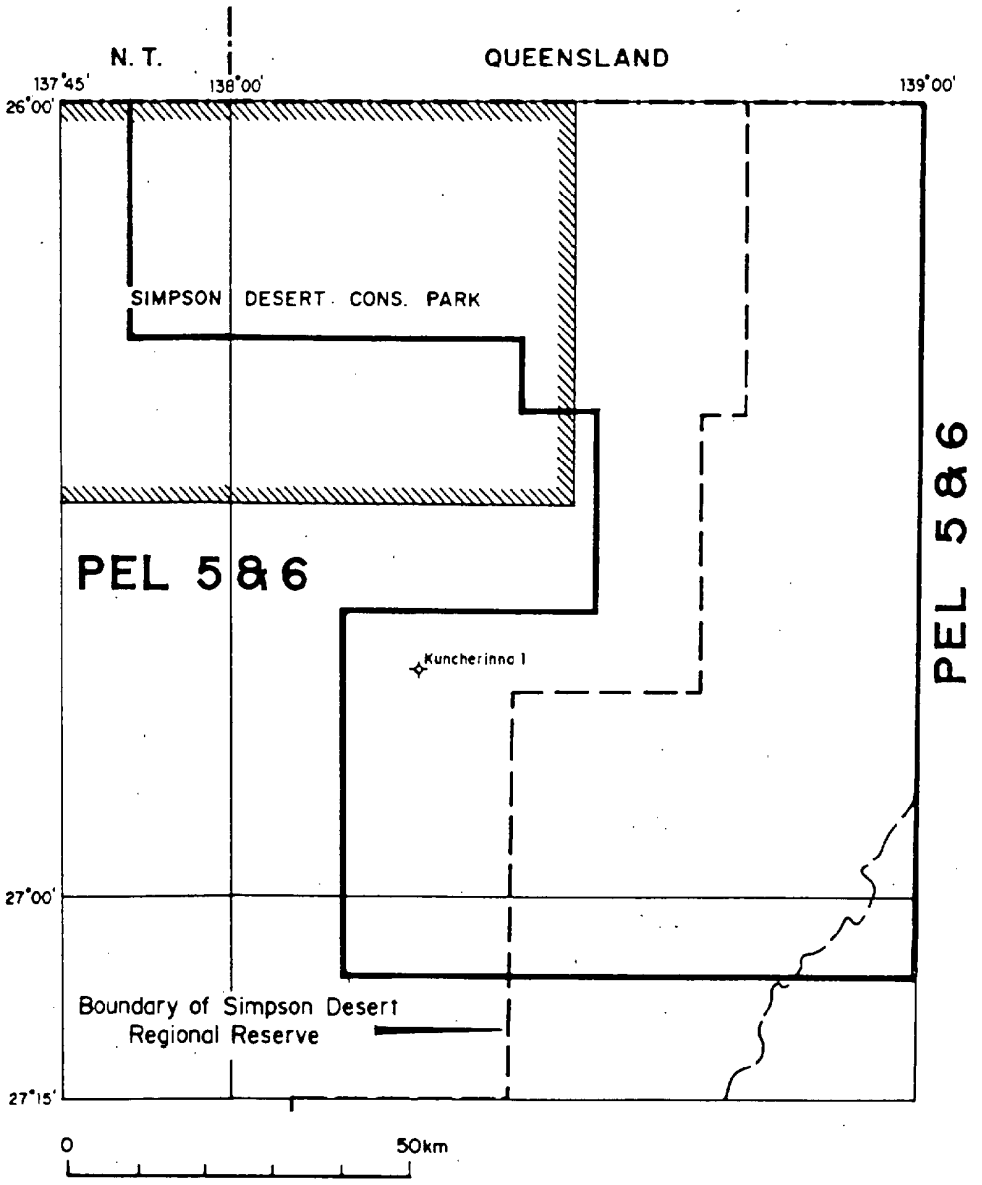


Figure 4. Simpson Desert Conservation Park

2. GEOLOGICAL HISTORY

2.1 Introduction

Area C comprises approximately 8 000 km^2 in a total of 88 406 km^2 relinquished from the Pedirka Sector of PEL's 5 and 6. One petroleum well has been drilled (Kuncherinna - 1) and 1050.76 km of seismic exploration have been carried out in the area to date. The geology and hydrocarbon potential is outlined below.

Application for petroleum exploration licences covering the area will close on 30th September 1989. Any enquiries should be directed to

Bob Laws, Director of Oil, Gas & Coal Division
Department of Mines and Energy
P.O. Box 151
EASTWOOD SA 5063

2.2 Geological Setting

2.2.1 Structure

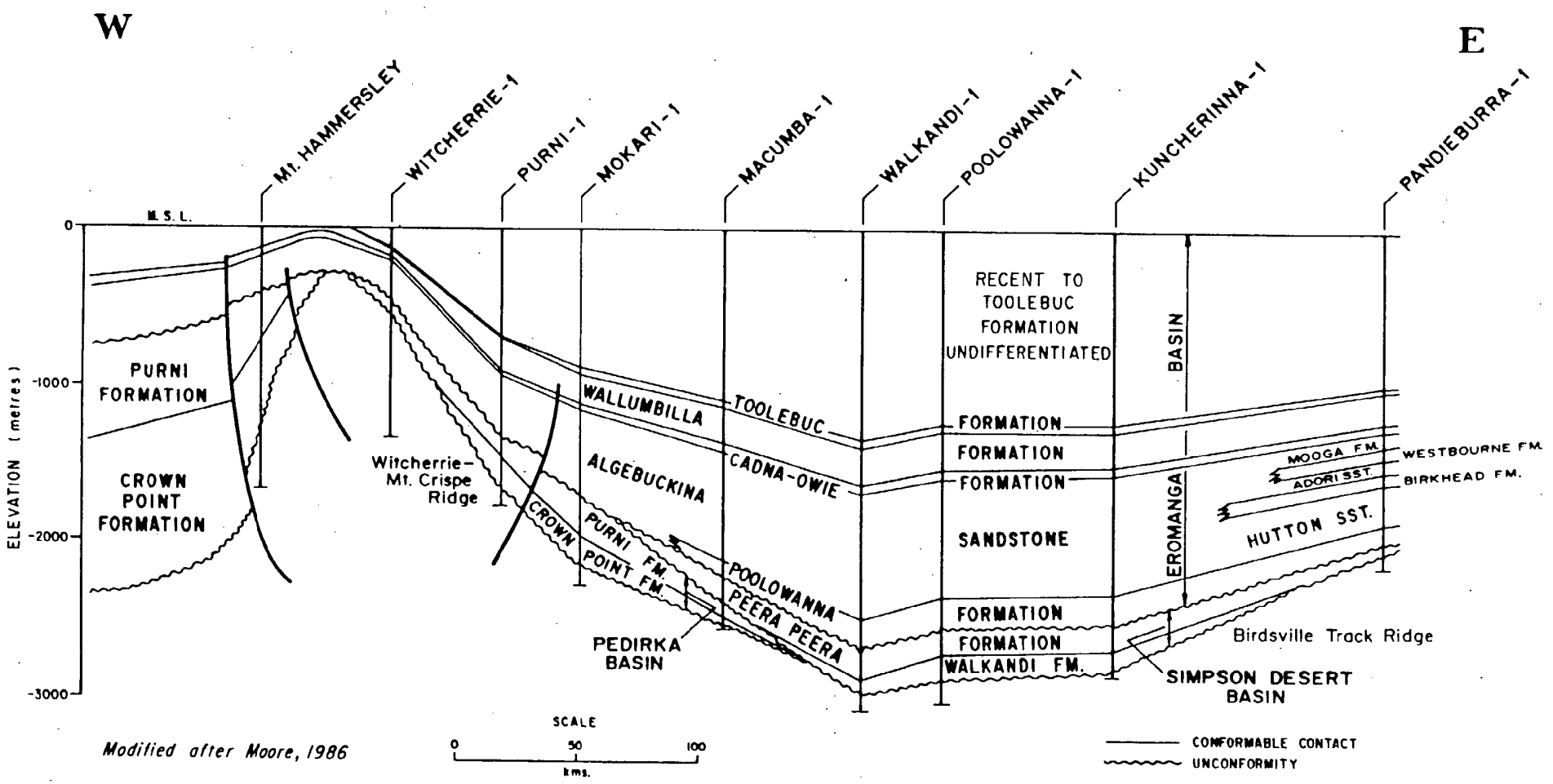
The structure of Area C has not been fully defined on a regional scale due to limited seismic coverage. A structural cross section through the area is illustrated on Figure 5.

The one drilled feature, the Kuncherinna structure, is a low relief northwest-southeast elongate anticlinal trend to the east of the Poolowanna Trough. The structure is uncomplicated by faulting except at the 'Z' horizon.

2.2.2 Stratigraphy

Kuncherinna 1 intersected 30 m of Pre-Triassic quartzites with minor black shale interbeds.

The Walkandi Formation is the basal unit of the Triassic Simpson Desert Basin and attains a thickness of 110 m in Kuncherinna 1. This unit consists of interbedded shale, siltstone and minor sandstone deposited in a shallow lacustrine environment (Moore, 1986). The Peera Peera Formation (maximum thickness 165 m) conformably overlies the Walkandi Formation and consists of interbedded highly carbonaceous shale, siltstone, sandstone and minor coal deposited on the floodplain of a low energy, meandering fluvial system (Moore, 1986).



Modified after Moore, 1986

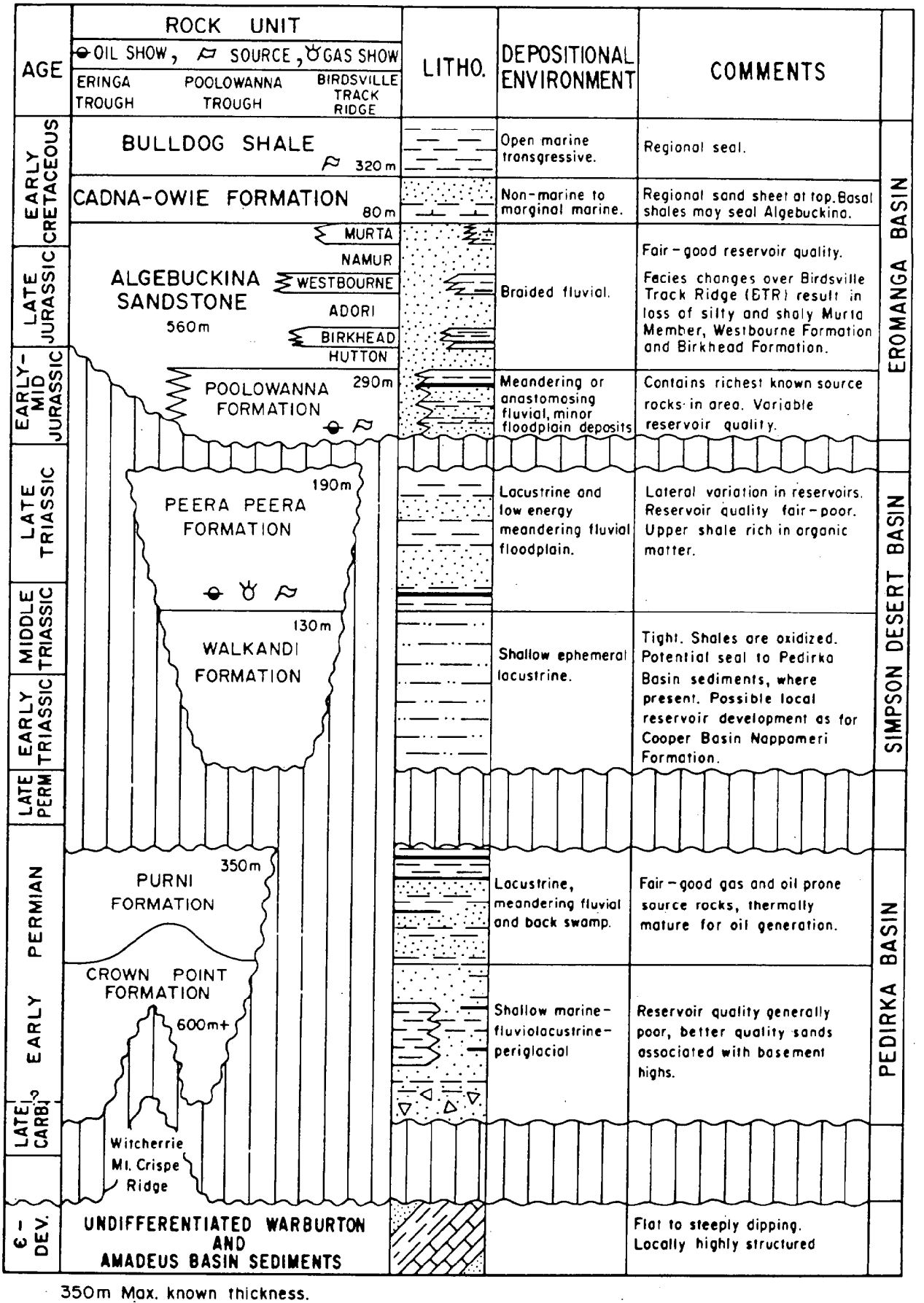
STRUCTURAL CROSS-SECTION
PEDIRKA BASIN

SADME S20677

Figure 5

The Poolowanna Formation (over 200 m in the Poolowanna Trough) is the lowermost unit of the Jurassic to Cretaceous sediments of the Eromanga Basin and rests unconformably on the Peera-Peera Formation. The unit consists of interbedded sandstone, siltstone, shale and minor coal deposited by meandering or anastomosing streams and associated floodplains. The Poolowanna Formation flowed a mixture of oil at 57 barrels per day and 17 barrels of water per day from Poolowanna 1, 65 km west of Kuncherinna 1, in 1978.

The Algebuckina Sandstone conformably overlies the Poolowanna Formation, and consists of a thick sequence of poorly sorted, fine to coarse sandstones with rare siltstones, deposited by high energy braided streams. Conformably overlying the Algebuckina Sandstone is the Cadna-owie Formation, the top of which forms a distinctive seismic reflector ("C" horizon) over the entire Eromanga Basin. The unit consists of a coarsening upwards sequence of non-marine siltstones at the base, grading upwards to beach and marine shoreface calcareous sandstones. The Cadna-owie Formation is overlain regionally by the Bulldog shale, deposited in a shallow water marine environment.



350m Max. known thickness.

ERINGA TROUGH, PEDIRKA AND SIMPSON DESERT BASINS

SADME S20676

Figure 6

2.3 Hydrocarbon Potential

2.3.1 Source

The Poolowanna Formation possesses the richest known source rocks in the Pedirka, and may have up to 15 per cent TOC (Moore, 1986). Thin coals are common, and may have yielded liquid hydrocarbons. In area C, the Peera-Peera Formation has an average TOC of 3.6% and may also be a source of Hydrocarbons.

2.3.2 Reservoir

The Poolowanna Formation contains variable reservoir quality sandstones, with fine to very fine grains cemented by silica in the deeper parts of the Trough, while grains are coarser towards the margins (Moore, 1986).

Peera Peera Formation reservoirs are laterally variable and contain few porous and permeable sandstone units.

The Algebuckina Sandstone has good reservoir quality and is a major aquifer in the Eromanga Basin.

2.3.3 Seal

Sealing of the potential reservoirs is achieved by both

a) Intraformational seals

- such as the siltstones and shales of the Peera Peera and Poolowanna Formations. These seals are laterally extensive.

b) Regional seals

- The Walkandi Formation and the lower silts of the Peera Peera Formation provide excellent regional seals. The basal shales of the Cadna-owie Formation may provide an adequate seal to the Algebuckina Sandstone, while the Bulldog Shale is a regional seal in both units.

2.3.4 Maturity

The Poolowanna Formation may have generated significant volumes of oil in the deeper parts of the Simpson Desert Basin, while limited generation may have occurred at the margins.

2.3.5 Hydrocarbon Prospectivity

The Poolowanna Formation has been the main objective for hydrocarbon exploration in the Simpson Desert Region. Fluorescence has been encountered in the Poolowanna and Peera Peera Formations in most wells in the region.

3. DATA PACKAGE CONTENTS

If you wish to purchase the data package for Area C please complete and mail the order form at the back of this brochure. Orders received before May 31st will receive preference. The well completion report will be supplied as a microfiche copy, the geological reports and maps will be supplied as paper copies. Seismic sections, shotpoint location maps, and well logs will be supplied as sepia copies. Additional reports as listed in the bibliography can be ordered, and will be included in the package at extra cost. The cost of the data package is $Aust 2190 including freight costs.

The SADME contact person for enquiries relating to the data package is:

Vic Hilditch - Information Services on (08) 274 7523.

3.1 Geological data

3.1.1 Geological maps, 1:250 000 scale geological atlas series

Pandie-Pandie (published with explanatory notes)
Gason (published with explanatory notes)

3.1.2 Well Completion Reports

Well	Depth (feet)	Year	Env.
Kuncherinna # 1	9 404	1982	4936

Table 1. Well details

Note: digital (LIS format) tapes of limited log data are available from the Department at an additional cost of $35/tape plus $30/well (normally 10 wells per tape) for all wells listed. Complete well data tapes can also be purchased from Wiltshire Geological Services & Ian Northcott and Associates Pty Ltd.

3.1.3 Geological reports

(N.B. This list represents a selection of relevant Delhi-Santos open file data and does not attempt to provide a comprehensive listing of all relinquished data).

Amdel, 1988. Notes on the source affinity and thermal maturity of Eromanga Basin crude oils. Report for Delhi Petroleum Pty Ltd. PEDIRKA SECTOR ONLY. SADME ENV 8077. (unpubl).

Delhi Internat., 1976. Summary report on hydrocarbon potential of South Australian and Queensland licence areas, PEDIRKA SECTOR ONLY. SADDME Env. 4891 (unpubl.).

Faridi, H., 1986. Block review, basin analysis and hydrocarbon propectivity of the Pedirka Block in the Pedirka Sector. Report for Delhi Petroleum Pty Ltd. SADME Env. 4891 (unpubl.).

Hunt, J.W. & Johnstone, D.C., 1985. Pedirka Sector : a reassement of geology, porosity and maturity history. Report for Delhi Petroleum Pty Ltd. SADME Env. 4891 Vol. (unpubl.).

McKirdy, D.H., 1986. Petroleum geochemistry and source rock potential fo the Arrowie, Pedirka, Cooper and Eromanga Basins, South Australia. Delhi Petroleum. Part I SAMDE Env. 3349 (unpubl).

Moore, P.S., 1980. Block Prospectivity report - Pedirka Block, PELs 5 & 6. Delhi Petroleum Pty Ltd Unpublished report. SADME Env. 4891. Vol. 3.

Moore, P.S., 1983. Block Prospective Summary Pedirka Block, 1983. Delhi Petroleum Pty Ltd SADME Env. 4891 Vol 3.

Moore, P.S., 1983. Source rocks analysis of samples from Kuncherinna-1, Simpson desert Region. SADME Env. 4157.

Southern Oil Exploration Corp., 1977. Pedirka and Cooper Basin sandstone diagenesis and State Thermal maturity. SADME Env. 4891.

Western Mining Corp. Ltd., 1982. Pedirka Block Farmout data, PEL's 5 & 6, South Australia. SADME Env. 4891.

3.2 Geophysical data

3.2.1 Regional Bouguer gravity contour maps, 1:250 000 scale.

Pandie-Pandie (1977) plan no. 77-634
Gason (prelim.).

Both plans are based on a density of 1.90 qm/cm^3. Gravity station values maps are available. Figure 7 illustrates gravity surveys within Area C. Table 3 details gravity surveys to date.

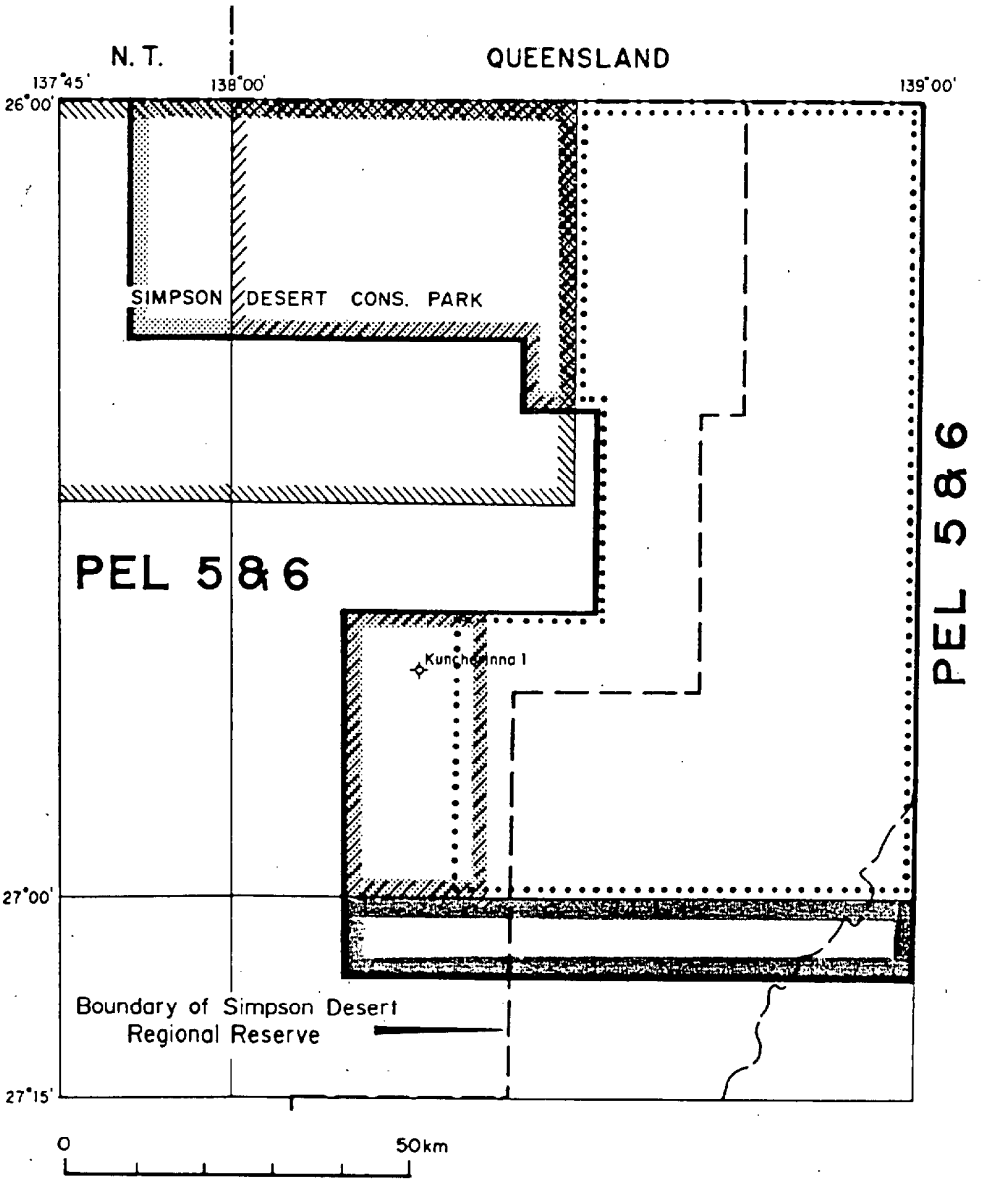
3.2.2 Total magnetic intensity maps, 1:250 000 scale.

Pandie-Pandie (1970) plan no. 71-33
Gason (1970) plan no. 71-34.

3.2.3 Seismic line location base map at 1:250 000 scale.

3.2.4 Selected seismic sections

The following sections will be supplied as sepia copies with the data package. Figure 8 illustrates the total seismic coverage within Area C, while Figure 9 illustrates the following selected seismic lines.



Alton Downs gravity survey (1962)

Dalhousie gravity survey (1963)

Strzelecki Creek – Lake Gregory gravity survey (1964)

Pandie Pandie gravity survey (1977)

Figure 7. Gravity surveys, Area C

Peera Peera Seismic Survey

79-WDA

79-WDB

79-WDC

79-WDD

79-WDE

79-WDG

79-WDH

Koomarinna Seismic Survey

80-WFE

80-WFF

80-WFH

80-WFJ

80-WHQ

80-WHS

80-WHT

80-WHW

80-WHX

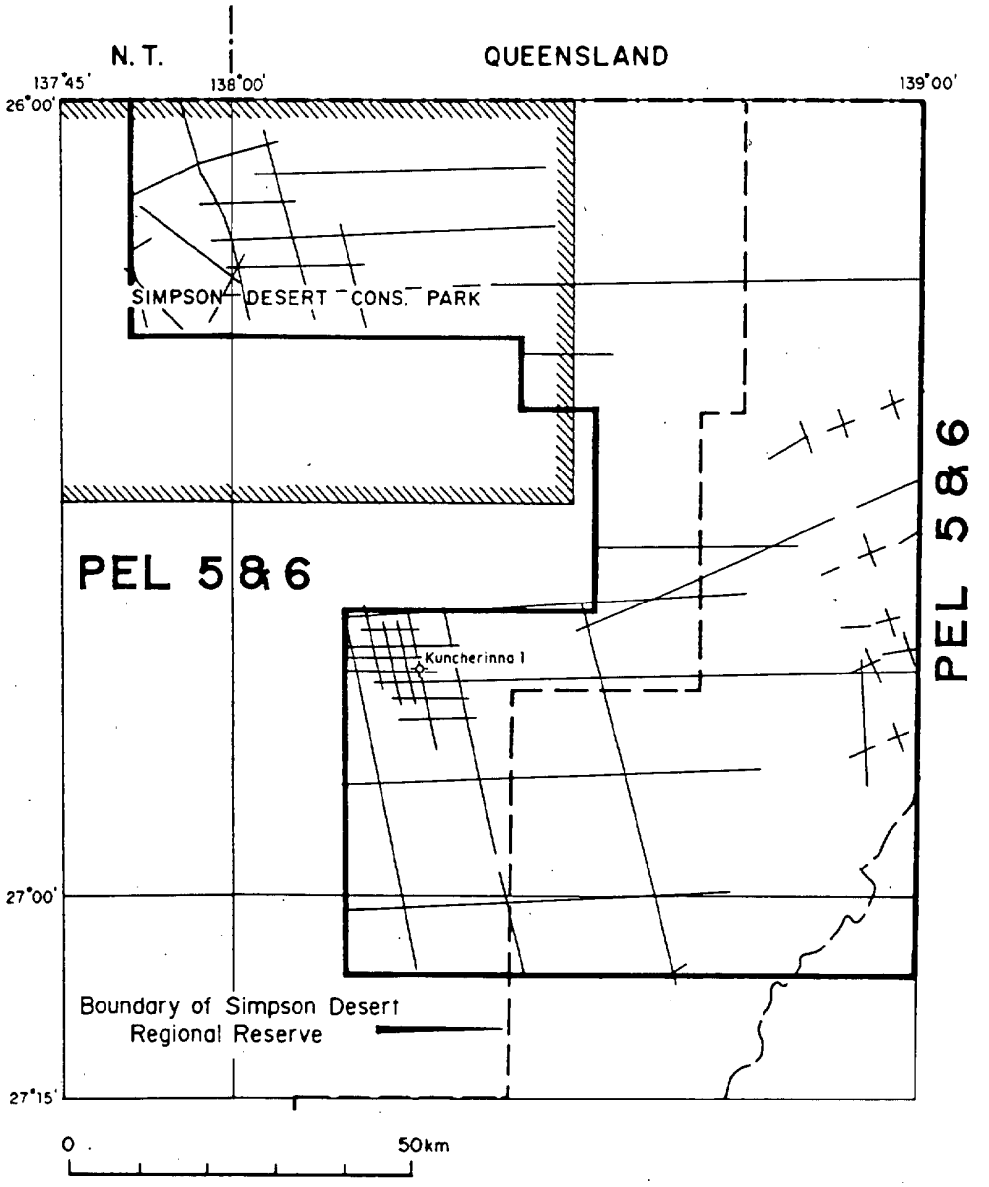


Figure 8. Seismic line locations, Area C

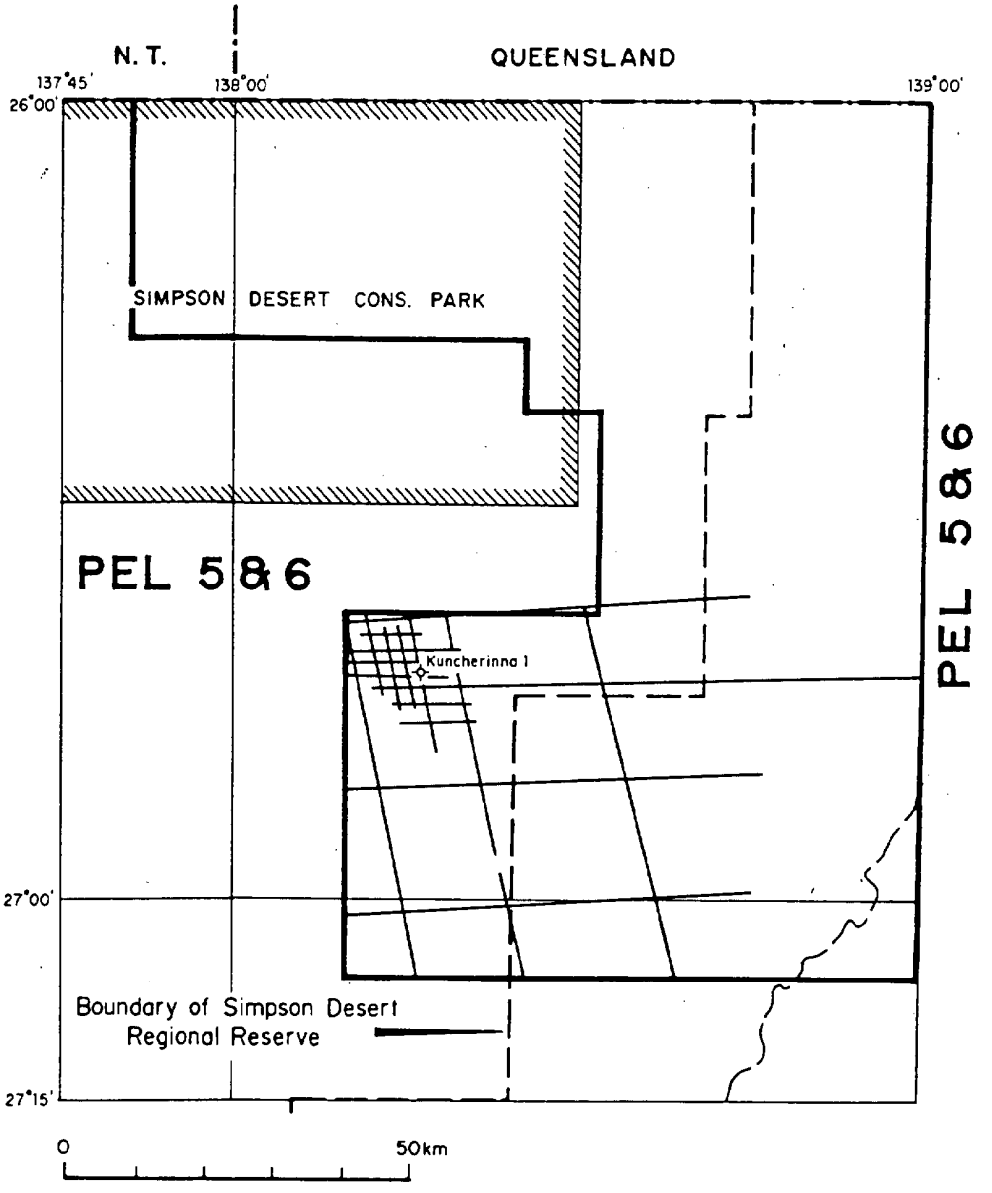


Figure 9. Seismic data included in data package , Area C

Survey name	Operator	Contractor	Year	SADME Reference
Clifton Hills Area Seismic Survey	Delhi Petroleum	United Geophysical Corp.	1962	Envelope 182, 185, 204, 221, 245, 285
Lake Thomas Seismic Survey	Delhi Petroleum	Seismograph Services Ltd	1974	Envelope 2415
Peera Peera Seismic Survey	Delhi Petroleum	Geophysical Exploration Services	1979	Envelope 3411
Koomarinna Seismic Survey	Delhi Petroleum	Geophysical Exploration Services	1980	Envelope 3707, 3807

Table 2 Seismic Surveys

AREA C

GRAVITY SURVEYS

SEISMIC SURVEY NAME	REFERENCE	YEAR	SURVEY TYPE	STATUS	SURVEY CODE	BY	FOR
ALTON DOWNS GRAVITY SURVEY	BMR Record 6240 DM. ENV # 211,222 235, 282	1962	0.3 km spacing Ground Surveying	Processed On File	6 240	G.S.I.	Delhi Petroleum
DALHOUSIE GRAVITY SURVEY	BMR Rec. 6340 DM. ENV # 327,333 346	1963	Helicopter 4 mile grid	Processed On File	6 340	Wongela	French Petroleum Co
STRZELECKI CREEK - LAKE GREGORY S&G SURVEY	DM. ENV 510 BMR S64/4811 & 4812	1964	Helicopter 4 mile grid	Processed On File	6 431	Wongela	Delhi Petroleum
PANDIE - PANDIE GRAVITY SURVEY	Folder	1977	Helicopter	Processed On	77E1	SADME	SADME
			MAGNETIC SURVEYS				
AEROMAGNETIC SURVEY - OODNADATTA	Env 202, 12 166 167	1961/62	Airborne Lines E-W 8.0 km spacing 460m height		61-5A01 61-SA02	Aero-Service Corporatn	Delhi Petroleum

Table 3. Gravity and Magnetic data

4. BIBLIOGRAPHY

4.1 Published references

Canmaple, J. and Smith, L., 1965. The pre-Mesozoic geology of the western Great Artesian Basin. APEA J. 5, 107-110.

Devine, S.B. and Youngs, B.C., 1975. A review of the Palaeozoic stratigraphy and petroleum potential of northern S. Aust. APEA J., 15, 45-54.

Middleton, H.F and Hunt, J.W., 1988. Influence of tectonics on Permian coal rank patterns in Australia. Esso Australia Pty Ltd (in press).

Moore, P.S., 1986. Jurassic and Triassic stratigraphy and hydrocarbon potential of the Poolowanna Trough (Simpson Desert region) northern South Australia; in Gravestock, D.I., Moore, P.S. and Pitt, G.M. (eds) Contributions to the geology and hydrocarbon potential of the Eromanga Basin. Geol. Soc. Aust. Spec. Publ. 12:39-51.

Senycia, P.G., 1989. Sand dune development within the Simpson Desert and its effects on statics calculation Ina O'Neill and Laws (ed). Proceeding Cooper-Eromanga Basin Symposium. PESA/SPE/ASEG (SA Branch), Adelaide.

Smyth, M. and Saxby, J.D., 1981. Organic petrology and geochemistry of source rocks in the Pedirka-Simpson Basins, central Australia. APEA J., 21(1), 187-199.

Wopfner, H., 1972. Depositional history and tectonics of South Australia sedimentary basins. Mineral Resour. Rev. S. Aust. , 133: 32-50.

Wopfner, H., 1985. Some thoughts on the post-orogenic development of northeastern South Australia and adjoining regions. SADME Spec. Publ. 5, 365-373.

Youngs, B.C., and Wopfner, H., 1972. Subsurface faults and

recent earthquakes in the Simpson Desert. Q. geol. Notes, geol. Surv. S. Aust., 43: 8-11.

Youngs, B.C., 1975. The Early Permian Purni Formation of the Pedirka Basin. Q. geol. Notes, geol. Surv. S. Aust., 54.

Youngs, B.C., 1975. The geology and hydrocarbon potential of the Pedirka Basin. Rep. Invest. geol. Surv. S. Aust., 44.

Youngs, B.C., 1976. Pedirka Basin. In: Leslie, R.B., Evans, H.J. and Knight, C.L. (eds.), Economic Geology of Australia and Papua New Guinea, 3, Petroleum. Australas. Inst. Min. Metall., Melbourne, 372-373.

4.2 Unpublished References

Delhi Petroleum Pty Ltd., 1984. Report on the Recon Exploration Australia Pty Ltd. Areal Survey conducted in the Pedirka Block, August 1984. SADME Env. 4891, vol. 3 (unpubl.).

Guiliano, M.F., 1988. The geology and hydrocarbon potential of the Pedirka Basin. Thesis University of Adelaide Bsc. (Hons. thesis (unpublished)).

Keiraville Konsultants, 1987. Organic petrology of samples from a group of four wells in the Simpson Desert and Pedirka Basins. Report for Delhi Petroleum Pty Ltd. SADME Env. 4891 (unpubl.).

SANTOS Ltd., 1987. Pedirka Block, PELs 5 & 6, monthly reports. SADME Env. 4891, Vols I & II. (unpubl.).

4.3 SAMREF

Comprehensive information is available in the Department's SAMREF bibliographic database. SAMREF is available for public access either at this Department, or through ARID (Australian Resources Industry Database), forming part of GEOPAC on INFO-ONE International. Prior to November 1, 1988 INFO-ONE INTERNATIONAL was known as CLIRS Information Services. With this change of name, there is now a lower price schedule applying to membership and annual fees and connect time rates. New access menus have also been provided to facilitate use by causal and inexperienced users. INFO-ONE International is available Australia-wide and overseas and can be accessed online by computer.

The South Australian Department of Mines and Energy is progressively adding abstracts to the SAMREF database on INFO-ONE International, including:

- company reports released since 1983
- Departmental reports and publications released since 1981 and
- some pre-1981 revised company and Departmental reports

Other references are only available at the Department in Adelaide.

5. LICENCE APPLICATION PROCEDURES

Petroleum exploration and development in South Australia are administered under the Petroleum Act, 1940 (onshore) and the Petroleum (Submerged Lands) Acts, 1967 of the Commonwealth and 1982 of the State (offshore). Vacant onshore areas are continuously available for licence applications, whereas offshore permits are open to application only after release of areas by the Commonwealth and State Governments.

There is no set form for making an application other than by a written request addressed to the Director General, Department of Mines and Energy. Application guidelines, licence conditions, obligations, etc. for onshore petroleum exploration are summarised in Table 4.

In summary, all applications should be signed under seal and include a $400 application fee (cheques should be made out to SADME), a proposed program and cost for each year of the initial 5 year licence term, evidence of the applicants financial ability to undertake such a program and the technical qualifications and expertise of personnel available to the applicant to undertake the program. For any enquiries relating to licence applications contact:

Mr Bob Laws
Director, Oil, Gas and Coal Division
Phone (08) 274 7612

5.1 Conditions of entry to Regional Reserves.

The Simpson Desert Regional Reserve extends into Area C. The Regional Reserve Category of reserve caters for multiple land use and petroleum and mineral exploration is permitted under the Petroleum and Mining Acts administered by SADME. Exploration and production in Regional Reserves is provided for a set out in the National Parks and Wildlife Act, 1972. A summary of some of the relevant provisions are:

1. The Minister of Mines and Energy must not grant an application for an exploration tenement in a Regional Reserve without first submitting the application to the Minister of Environment and Planning, and considering his views in relation to the application.

2. In the case of an application for a production tenement, the Minister of Mines and Energy must not grant the application without approval of The Minister of Environment and Planning's approval, the matter may be determined by The Governor.

3. The Minister for Environment and Plannign and the Minister of Mines and Energy may enter into an agreement with the holder of a PEL granted in relation to land that is, or has become, a

regional reserve imposing conditions limiting or restricting the exercise of rights under the tenement by the holder of the tenement and by his or her successors in title.

If a person contravenes, or fails to comply with, a condition imposed by agreement in relation to a PEL, the Minister of Mines and Energy must, at the request of the Minister for Environment and Planning, serve notice on the holder of the tenement requiring the holder to rectify the contravention or failure in the manner and within the period (which must not exceed three months) set out in the notice. If the holder of a PEL on whom a notice has been served fails to comply with the notice, the Minister of Mines and Energy may cancel the tenement.

Table 5: Onshore Petroleum Exploration guidelines

PETROLEUM ACT, 1940

Note: The area to which this Act applies covers all of onshore South Australia exclusive of Commonwealth Lands; it extends south to the State Territorial Sea Baseline and includes the waters of Spencer and St Vincent Gulfs.

	ONSHORE PETROLEUM PRODUCTION	Petroleum Act Reference
Title of Tenement	Petroleum Exploration Licence (P.E.L.)	
Who Can Apply	An individual, a body corporate (i.e. a company) or an unincorporated association of persons and bodies corporate (i.e. a joint venture involving several persons and/or companies.)	6(1)
	Where application is made on behalf of a company, the application must be made under the company seal.	41(b) & (c)
When Application Can be Made	Initial Licence - At time over any area not already under licence	6(1a)
	Renewal of Licence - not less than 3 months before existing licence is due to expire.	18(5b)
Maximum Area	26 000 sq kms.	15(1)
Application Fee	For initial application - $400	7(2)
	For each renewal - $400	7(2)
Bond (to ensure compliance with licence conditions)	$4 000 minimum. Amount required is specified in letter of offer. Bond may be in the form of cash, cheque or bank guarantee.	13(1)
Term of Licence	Initial Term - 5 years	15(2)
	Each Renewal - (to a maximum of 3) - 5 years	15(2)
Annual Rental Payable	Initial 5 year licence term - 16c/sq km	18c(a)
	First Renewal (2nd 5 Year licence term) - 24c/sq km	18c(b)
	Second Renewal (3rd 5 Year licence term) - 32c/sq km	18c(c)
	Third & Final Renewal (4th 5 Year licence term) - 40 c/sq km.	18c(d)
Minimum Work Commitments	As negotiated with applicant after application (which must contain a proposed 5 year work program) has been received.	
Minimum Expenditure Commitments	Initial 5 Year licence term	
	- first two years - $16 per sq km per year	17(1)(a)
	- last three years - $24 per sq km per year	17(1)(b)
	First Renewal (2nd 5 Year licence term) - $62 per sq km per year	18a(1)(a)
	Second Renewal (3rd 5 Year licence term) - $80 per sq km per year	18a(1)(b)
	Third $ Final Renewal (4th 5 Year licence term) - $94 per sq km per year	18a(1)(c)
Area to be Relinquished on each Renewal	25% of original licence area. This is in addition to any areas voluntarily surrendered during each 5 Year licence term.	18(2)

Fee for Minister's Consent to Dealings in Licence	$400 per transaction (document)	42(3)
Fee for Inspection of Register	$2	Reg.7(1)
Fee for Copy or Extract from Register	50¢ per page	Reg.7(2)
Method of Application	Letter of application addressed to the Director-General, Department of Mines and Energy (there is no prescribed form).	7(1)
	Attached to the application should be:	
	(1) full names and addresses of the party/ parties making the application, including (where applicable) the percentage interests of the various parties.	
	(2) two copies of a map and description of the area being applied for.	7(3)
	(3) a table showing the work intended to be carried out, and the estimated cost of that work, during each year of the five year licence term. (Expenditure estimates should satisfy the minimum expenditure commitments set out in Section 17 and 18)	7(3a)
	(4) particulars of the technical qualifications and expertise available to the applicant party/parties (e.g. qualifications and experience of employees, consultants retained etc.)	7(4)
	(5) particulars of the financial resources available to the applicant party/parties to carry out the proposed terms and conditions of the licence. (In the case of a company application, this is generally supplied in the form of a copy of the company's most recent Annual Report).	7(4)
	(6) the $400 application fee.	7(2)
	Where the application is made on behalf of a company, the application must be made under the company seal.	41(b) & (c)
Penalty for Non-Payment of Annual Rental Fees	All fees are payable in advance. If fees are not paid by the due date, a fine of 10% is imposed and in addition, interest accrues at the rate of 6% per annum. If any fee is in arrears for 3 months or more, the licence may be cancelled.	83(1) & (2)
Licence Variations	Only on application by the licensee, the Minister may at any time during the term of the licence, vary or revoke a condition of the licence or attach new conditions to the licence.	17(3)
Environmental Conditions	These will be outlined in the letter of offer attached to the licence.	
Surrenders (Partial or Whole of Licence)	The Act requires the licensee to:	
	(1) apply to the Minister for permission to surrender.	38(1)
	(2) give three months notice in writing.	38(1)(a)
	(3) pay all outstanding fees.	38(1)(b)
	(4) pay all outstanding monies and wages to workmen and employees.	38(1)(c)

	Surrenders are only permitted if the licensee has fulfilled all the terms and including the year in which the application to surrender is lodged.	38(2a)
	Licences are required to lodge all outstanding data on their licences and carry out the cleanup and rehabilitation of their licence areas (where necessary) as a condition of surrender. Surrenders are effective from the end of the appropriate year of the term of the licence (unless specified otherwise). (where necessary) as a condition of surrender.	38(2b)
Required Notice for Approval to Undertake Work in Licence Area	Three months notice is required to arrange necessary clearances with other Government Agencies, this us carried out by DME on the licencee's behalf.	
Required Notice of Entry to Landholders	No risk of damage to land or improvements thereon - 14 days.	51(1)
	Risk of damage to land improvements thereon - 28 days.	51(1)
Gazettals	Gazettals occur on: (1) Grant of Licence.	6(2)
	(2) Surrender of Licence. (3) Cancellation of Licence.	71(1)
Suspension and Cancellation	The Act provides for suspension and/or cancellation for failure to comply with licence conditions.	87a(1)

Note: All monetary amounts are subject to review.

March 1989.

SR 27/2/89

To the Director-General
South Australian Department of Mines and Energy
PO Box 151
EASTWOOD SA 5063

ATTENTION: OIL, GAS AND COAL DIVISION

Dear Sir/Madam,

Re: Area C Data Package

Please provide the Area C data package as specified in Section 3.

Company .....

Address ..... Postcode .....

Contact .....

Telephone ..... Telex .....

Facsimile .....

Please enclose a cheque for $A2190, made out to: Dept. Mines & Energy, account # 86G25 144/076.

Date ..... Signed .....