



Australian Government

Department of Industry
Tourism and Resources

2007 RELEASE OF AUSTRALIAN OFFSHORE PETROLEUM EXPLORATION AREAS

DATA – AREAS W07-12 TO W07-15 OFFSHORE CANNING BASIN RELEASE AREA

Public access to exploration data in Australia, including digital seismic tapes, well reports and core and cuttings samples is a result of legislation that initially subsidised exploration in return for lodgement and public availability of the data. When the subsidy was removed the requirement that data be lodged with government and made available for future exploration continued.

These open-file reports, data and down-hole samples are available from Geoscience Australia (GA), Canberra and the Western Australian Department of Industry and Resources (DoIR), Perth.

Geoscience Australia, Australia's national geoscientific information agency, also undertakes regional basin studies, assessments of hydrocarbon resources and provides geoscientific data and reports in support of acreage release rounds.

Geoscience Australia is currently establishing a Data Room where specific seismic and well data relevant to current acreage release rounds can be viewed. Appointments to visit this Data Room or to meet with Geoscience Australia officers can be made by contacting Jenny Maher, Petroleum Promotion Co-ordinator, phone 61(0) 2 62499111, e-mail jenny.maher@ga.gov.au

Additional information on the Data Room or Geoscience Australia products that support the 2007 release areas can also be obtained from the Geoscience Australia Acreage Release webpage, http://www.ga.gov.au/oceans/ss_Acreage.jsp

Packages of specific seismic data relevant to the 2007 acreage release area are available in either Geoquest, Kingdom or Landmark format. Digital Well Completion Reports and digital Well Logs (in original format) for specific wells are also available in packages relevant to the 2007 acreage release areas. These data can be ordered through the Geophysical and Geological Data Repository, phone 61 (0)2 6249 9222, e-mail ausgeodata@ga.gov.au

Available data relevant to the 2007 release areas in the Offshore Canning Basin are listed below.

WELL DATA

Well Completion Reports – W07-12 to W07-15, Canning Basin

Well	Operator	Year
Barlee 1	WAPET	1960
Bedout 1	B.O.C. of Australia Ltd	1971
Crab Creek 1	Bridge Oil Ltd	1987
Curringa 1	Esso Explor and Prod Aust Ltd	1982
East Crab Creek 1	Aust Gulf Oil Co	1984
East Mermaid 1	Shell Development (Australia) Pty Ltd	1973
Freney 1	Ampol Explor Ltd	1988
Kambara 1	Esso Exploration and Production Australia Inc	1982
Lacepede 1	B.O.C. of Australia Limited	1970
Lacepede 1A	B.O.C. of Australia Limited	1970
Lagrange 1	BP Petroleum Development Australia Pty Ltd	1983
Minjin 1	Esso Exploration and Production Australia Inc.	1984
Pearl 1 (Home Energy)	Home Energy Company Ltd.	1983
Pender 1	WAPET	1972
Perindi 1	Esso Exploration and Production Australia Inc.	1983
Tappers Inlet 1	WAPET	1971
Yulleroo 1	Gewerkschaft Elwerath	1967

Analysis Reports – W07-12 to W07-15, Canning Basin

Well	Report No	Report Titles	Company	Year
Barlee 1	DAR0037	The Geology of the Canning Basin, Western Australia.	BMR	1961
Barlee 1	DAR0073	Well completion report (WAPET)	Dept of Nat Dev	1961
Barlee 1	DAR0116	I M C Phosphate Reports on Canning Basin drill holes.	International Minerals and Chemicals	1965
Barlee 1	DAR0224	Vitrinite reflectance of samples from two wells.	University of Wollongong	1976
Barlee 1	DAR0266	Source rock analyses on samples from the Canning basin WA.	BMR	1977
Barlee 1	DAR0519	Results of Fission Track analysis of samples from 4 Canning basin holes.	Esso Australia Limited	1984
Barlee 1	DAR0552	Pyrolysis data on samples from wells in the Canning basin, WA.	CRA Exploration Ltd	1984
Barlee 1	DAR0604	Vitrinite reflectance measurements on samples from Canning basin W A	Esso Australia Limited	1984
Bedout 1	DAR0077	Source rock potential and max palaeotemp study of 10 wells, offshore WA.	Robertson Research (Aust) Pty	1974

Bedout 1	DAR0399	Mesozoic/Cainozoic seds & volcs from staired pass.Cont.margin off NW Aus	Dept of Nat Dev	1979
Bedout 1	DAR0519	Results of Fission Track analysis of samples from 4 Canning basin holes.	Esso Australia Limited	1984
Bedout 1	DAR0552	Pyrolysis data on samples from wells in the Canning basin, WA.	CRA Exploration Ltd	1984
Bedout 1	DAR0604	Vitrinite reflectance measurements on samples from Canning basin W A	Esso Australia Limited	1984
Bedout 1	DAR0642	A petroleum geochemical analysis of six wells from the Canning basin WA	Japan National Oil Corp	1987
Bedout 1	DAR0643	A petroleum geochemical analysis of six offshore wells, Canning basin.	Japan National Oil Corp	1987
Bedout 1	DAR0648	Petroleum Geology & Geochem - NW shelf WA - Phase 2 Vol 1 Part 6a.	Robertson Research (Aust) Pty	1986
Bedout 1	DAR0661	Geochemical data for Northwest shelf wells, offshore WA/NT.	BP Australia Ltd	1987
Bedout 1	DAR0707	Gas Chromatography/Mass spectrometry data: Triassic extracts-NW shelf	Japan National Oil Corp	1987
Bedout 1	DAR0792	Bulk Fluid Inclusion Mass Spectrometry on samples from Bedout 1 well.	Amoco Aust Pet Co	1991
Bedout 1	DAR1014	Carnarvon Basin Kerogen Kinetics Analysis - Data report.	Esso Australia Limited	1993
Bedout 1	DAR1071	Palynological Reviews of Eight Wells	Western Palynoservices	1994
Bedout 1	DAR1085	Palaeontological Report on Bedout-1	Burmah Oil Co of Aust Ltd	1975
Bedout 1	DAR1086	Palynological Reviews on Eight Exploration Wells	Western Palynoservices	1994
Bedout 1	DAR1200	Magnetic Susceptibility of wells in the Canning Basin	SRK	1998
Cow Bore 1	DAR0629	Regional Geochemical review of the Canning basin - Western Australia.	BP Australia Ltd	1987
Cow Bore 1	DAR0835	Source rock analysis on selected samples from nine wells, Canning basin.	Bridge Oil Limited	1987
Cow Bore 1	DAR0974	Geochemical analysis of samples from five onshore wells, Canning Basin.		
East Crab Creek 1	DAR0835	Source rock analysis on selected samples from nine wells, Canning Basin.	Bridge Oil Limited	1987
East Mermaid 1	DAR0520	Microscopical study of organic matter from 26 wells on the NW shelf Aust.	Aust Elf Aquitaine	1984
East Mermaid 1	DAR0661	Geochemical data for Northwest shelf wells, offshore WA/NT.	BP Australia Ltd	1987
East Mermaid 1	DAR1071	Palynological Reviews of Eight Wells.	Western Palynoservices	1994
East Mermaid 1	DAR1086	Palynological Reviews on Eight Exploration Wells.	Western Palynoservices	1994
Lacepede 1	DAR0520	Microscopical study of organic matter from 26 wells on the NW shelf Aust.	Aust Elf Aquitaine	1984

Lacepede 1	DAR0964	Source rock evaluation and Kerogen Kinetics of selected intervals-3 well.	Conoco Australia Ltd	1991
Lacepede 1A	DAR0313	Source evaluation of the Neocomian-Tithonian Section Offshore Canning WA.	Continental Oil Co of Aust Ltd	1978
Lacepede 1A	DAR0322	Determ. of reflectance depth gradients along the West Aust Coastline.	CSIRO	1973
Lacepede 1A	DAR0417	Source rock data from the Perth, Carnarvon, Canning, Browse & Bonaparte bsn	CSIRO	1980
Lacepede 1A	DAR0426	Report on palynological investigation of samples from Lacepede 1A, C2.	Esso Australia Limited	1981
Lacepede 1A	DAR0552	Pyrolysis data on samples from wells in the Canning basin, WA.	CRA Exploration Ltd	1984
Lacepede 1A	DAR0730	Studies in Australian Mesozoic Palynology.	Assoc of Aust Palynology	1987
Lacepede 1A	DAR1071	Palynological Reviews of Eight Wells.	Western Palynoservices	1994
Lacepede 1A	DAR1086	Palynological Reviews on Eight Exploration Wells.	Western Palynoservices	1994
Lagrange 1	DAR0642	A petroleum geochemical analysis of six wells from the Canning basin WA.	Japan National Oil Corp	1987
Lagrange 1	DAR0643	A petroleum geochemical analysis of six offshore wells, Canning Basin.	Japan National Oil Corp	1987
Lagrange 1	DAR0707	Gas Chromatography/Mass spectrometry data: Triassic extracts-NW shelf.	Japan National Oil Corp	1987
Lagrange 1	DAR0803	Bulk Fluid Inclusion Mass Spectrometry on cuttings from Lagrange 1 well.	Amoco Aust Pet Co	1991
Lagrange 1	DAR1035	results of TOC, Rock Eval pyrolysis, Pyrolysis GC from ten offshore well.	PGA Consultants	1992
Lagrange 1	DAR1071	Palynological Reviews of Eight Wells.	Western Palynoservices	1994
Lagrange 1	DAR1086	Palynological Reviews on Eight Exploration Wells.	Western Palynoservices	1994
Pender 1	DAR0552	Pyrolysis data on samples from wells in the Canning basin, WA.	CRA Exploration Ltd	1984
Pender 1	DAR1200	Magnetic Susceptibility of wells in the Canning Basin.	SRK	1998
Perindi 1	DAR1200	Magnetic Susceptibility of wells in the Canning Basin.	SRK	1998
Tappers Inlet 1	DAR0236	Vitrinite reflectance of coal from Canning, Kidson, Georgina, Fitzroy basins.	University of Wollongong	1976
Tappers Inlet 1	DAR0245	Organic Geochem of Palaeozoic core samples from 6 wells - Canning Basin.	Esso Australia Limited	1977
Tappers Inlet 1	DAR0247	Examination of Well samples for Conodonts-Canning and Fitzroy Basins.	Dept Minerals and Energy	1978
Tappers Inlet 1	DAR0266	Source rock analyses on samples from the Canning basin WA.	BMR	1977
Tappers Inlet 1	DAR0328	Vitrinite Reflectance Analyses on samples from six Canning basin wells.	University of Wollongong	1978

Tappers Inlet 1	DAR0552	Pyrolysis data on samples from wells in the Canning basin, WA.	CRA Exploration Ltd	1984
Tappers Inlet 1	DAR0974	Geochemical analysis of samples from five onshore wells, Canning Basin.		
Wamac 1	DAR0519	Results of Fission Track analysis of samples from 4 Canning basin holes.	Esso Australia Limited	1984
Wamac 1	DAR0520	Microscopical study of organic matter from 26 wells on the NW shelf Aust.	Aust Elf Aquitaine	1984
Wamac 1	DAR0552	Pyrolysis data on samples from wells in the Canning basin, WA.	CRA Exploration Ltd	1984
Wamac 1	DAR0604	Vitrinite reflectance measurements on samples from Canning basin WA.	Esso Australia Limited	1984
Wamac 1	DAR0642	A petroleum geochemical analysis of six wells from the Canning Basin WA	Japan National Oil Corp	1987
Wamac 1	DAR0643	A petroleum geochemical analysis of six offshore wells, Canning Basin.	Japan National Oil Corp	1987
Wamac 1	DAR0707	Gas Chromatography/Mass spectrometry data: Triassic extracts-NW shelf	Japan National Oil Corp	1987
Wamac 1	DAR0974	Geochemical analysis of samples from five onshore wells, Canning Basin.		
Wamac 1	DAR1071	Palynological Reviews of Eight Wells.	Western Palynoservices	1994
Wamac 1	DAR1086	Palynological Reviews on Eight Exploration Wells.	Western Palynoservices	1994
Yulleroo 1	DAR0236	Vitrinite reflectance of coal from Canning, Kidson, Georgina and Fitzroy basins.	University of Wollongong	1976
Yulleroo 1	DAR0552	Pyrolysis data on samples from wells in the Canning basin, WA.	CRA Exploration Ltd	1984

Contact Geoscience Australia's Repository for more information regarding access to well completion and analysis reports, phone 61 (0)2 6249 9222, e-mail ausgeodata@ga.gov.au

SAMPLES

Cores and Cuttings – W07-12 to W07-15, Canning Basin

Well	Type	Top (m)	Bottom (m)	Comment
Barlee 1	Core	698.78	2471.95	100mm of every 600mm recovered.
Barlee 1	Cuttings	9.14	2468.59	
Barlee 1	Sidewall core	539.02	675.6	
Bedout 1	Core	3036.58	3045.73	Continuous core.
Bedout 1	Cuttings	442.07	3073.17	
Bedout 1	Cuttings	1216.46	3064.02	paleo samples.
Cow Bore 1	Core	1873	2346.18	
Cow Bore 1	Cuttings	25	2940	
Crab Creek 1	Core	1606	1609.3	
Crab Creek 1	Cuttings	35	1790	
Curringa 1	Cuttings	60	2335	
Curringa 1	Sidewall core	751	2324	
East Crab Creek 1	Core	2541	2545.6	
East Crab Creek 1	Cuttings	30	2813	
East Mermaid 1	Cuttings	156.07	1239.71	
Kambara 1	Core	2168.7	2820.7	Continuous core
Kambara 1	Cuttings	315	3139	
Kambara 1	Sidewall core	756	3065.6	
Lacepede 1A	Core	975.6	2286.58	Continuous core
Lacepede 1A	Cuttings	97.56	2286.58	Combined chips from both Lacepede 1 and 1A.
Minjin 1	Cuttings	95	1845	
Minjin 1	Sidewall core	750	1835	
Moogana 1	Core	2065.5	2075.4	Continuous core
Moogana 1	Drill core	2065.5	2075.4	
Moogana 1	Cuttings	63	2212	
Moogana 1	Sidewall core	383	2198	
Pearl 1 (Home Energy)	Cuttings	125	2203	
Pender 1	Core	907.92	911.89	Continuous core
Pender 1	Cuttings	0	923.78	
Perindi 1	Core	872	1857	Continuous core
Perindi 1	Cuttings	205	1863	
Tappers Inlet 1	Core	1582.31	2857.01	Continuous core
Tappers Inlet 1	Cuttings	57.92	2853.65	
Wamac 1	Cuttings	112.78	842.47	
Yulleroo 1	Core	689.91	4572.3	Continuous core.
Yulleroo 1	Cuttings	0	4572	

Contact Geoscience Australia's Repository for more information or to arrange access to core and cuttings, phone 61 (0)2 6249 9222, e-mail ausgeodata@ga.gov.au.

GEOPHYSICAL DATA

Relevant Seismic Surveys - W07-12 to W07-15, Offshore Canning Basin

Release Area	Vintage	Survey	Operator	GA No	Processed	Field
W07-12	1996	AGSO Marine Survey 175, Browse Basin	AGSO	S9690034	Yes	Yes
W07-12	1993	AGSO Survey Marine 120;Southern North West Shelf	AGSO	S6930072	Yes	Yes
W07-12	1973	Broome 2 (369) Marine Seismic & Gravity	WAPET	S6730008	No	Yes
W07-12	1996	AGSO Marine Survey 175, Browse Basin	AGSO	S6960034	Yes	Yes
W07-12	1983	Carnot 1983 Marine Seismic	Pursuit Oil NL	S6830025	No	Yes
W07-12	1979	F79A Marine Seismic & magnetic	Esso Exploration and Prod Aust	S6790004	No	Yes
W07-12	1980	F80A Marine Seismic	Esso Exploration and Prod Aust	S6800019	No	Yes
W07-12	1982	F82A Marine Seismic	Esso Exploration and Prod Aust	S6820006	No	Yes
W07-12	1982	F82B (F82A Ext) marine Seismic	Esso Exploration and Prod Aust	S6820012	No	Yes
W07-12	1970	Lacepede (258) Marine Seismic	WAPET	S6700007	No	Yes
W07-12	1998	Leeque Shelf (LS-98) Marine Seismic	GHD Gardline	S6980029	Yes	Yes
W07-12	1988	SPA 1SL/88-9 Scientific Marine Seismic (JN88)	Japan National Oil Corp	S6880036	Yes	Yes
W07-12	1980	Quondong Marine Seismic	Pursuit Oil NL	S6800012	Yes	Yes
W07-12	1993	AGSO Survey Marine 120;Southern North West Shelf	AGSO	S6930072	Yes	Yes
W07-12	1970	Tryal-Evams Seismic	Western Geophysical	S6700072	Yes	Yes
W07-13	1969	Adele-Scott Seismic	Burmah Oil Co	S0690083	Yes	Yes
W07-13	1996	AGSO Marine Survey 175, Browse Basin	AGSO	S9690034	Yes	Yes
W07-13	1993	AGSO Survey Marine 120;Southern North West Shelf	AGSO	S6930072	Yes	Yes
W07-13	1972	Baleine Marine Seismic & Magnetic	Amax Petroleum	S6720020	No	Yes
W07-13	1973	Broome 2 (369) Marine Seismic & Gravity	WAPET	S6730008	No	Yes
W07-13	1996	AGSO Marine Survey 175, Browse Basin	AGSO	S6960034	Yes	Yes
W07-13	1983	Carnot 1983 Marine Seismic	Pursuit Oil NL	S6830025	No	Yes
W07-13	1980	F80A Marine Seismic	Esso Exploration and Prod Aust	S6800019	No	Yes
W07-13	1969	Legendre-Marie Marine Seismic	Burmah Oil Co of Australia	S0690066	Yes	Yes
W07-13	1982	Leveque Shelf Margin Ph 2 Marine Seismic	Weaver Oil and Gas Corp	S6820008	No	Yes
W07-13	1986	Leveque Margin Marine Seismic	GSI	S6860020	Yes	Yes

W07-13	1974	Leveque Shelf Marine Seismic	Amax Petroleum	S6740025	No	Yes
W07-13	1980	Leveque Shelf Margin Marine Seismic	Weaver Oil and Gas Corp	S6800020	Yes	Yes
W07-13	1973	Mermaid-Cartier Marine Seismic	Burmah Oil Co of Australia	S6730011	No	Yes
W07-13	1965	Montebello-Mermaid Shoal Seismic	Burmah Oil Co of Australia	S0650069	No	No
W07-13	1972	Naringla Seismic	Burmah Oil Co of Australia	S6720083	No	Yes
W07-13	1988	SPA 1SL/88-9 Scientific Marine Seismic (JN88)	Japan National Oil Corp	S6880036	Yes	Yes
W07-13	1980	Quondong Marine Seismic	Pursuit Oil NL	S6800012	Yes	Yes
W07-13	1976	Surprise Reef Marine Seismic	Amax Petroleum	S6760004	No	Yes
W07-13	1993	AGSO Survey Marine 120;Southern North West Shelf	AGSO	S6930072	Yes	Yes
W07-13	1971	Trimouille -Dillon Seismic	Woodside Oil NL	S0700120	Yes	Yes
W07-13	1970	Tryal-Evams Seismic	Western Geophysical	S6700072	Yes	Yes
W07-13	1973	Walker Rock Marine Seismic	Barkley Oil Co	S6720019	No	Yes
W07-14	1969	Adele-Scott Seismic	Burmah Oil Co	S0690083	Yes	Yes
W07-14	1969	Adele-Scott Seismic	Burmah Oil Co	S0690083	Yes	Yes
W07-14	1996	AGSO Marine Survey 175, Browse Basin	AGSO	S9690034	Yes	Yes
W07-14	1993	AGSO Survey Marine 120;Southern North West Shelf	AGSO	S6930072	Yes	Yes
W07-14	1972	Baleine Marine Seismic & Magnetic	Amax Petroleum	S6720020	No	Yes
W07-14	1972	Bedout-Broome Swell Seismic	Hematite Petroleum	S6720080	Yes	Yes
W07-14	1996	AGSO Marine Survey 175, Browse Basin	AGSO	S6960034	Yes	Yes
W07-14	1968	Offshore Canning-Seringapatam Seismic	Burmah Oil Co of Australia	S6680064	Yes	Yes
W07-14	1969	Legendre-Marie Marine Seismic	Burmah Oil Co of Australia	S0690066	Yes	Yes
W07-14	1982	Leveque Shelf Margin Ph 2 Marine Seismic	Weaver Oil and Gas Corp	S6820008	No	Yes
W07-14	1980	Leveque Shelf Margin Marine Seismic	Weaver Oil and Gas Corp	S6800020	Yes	Yes
W07-14	1982	Lorikeet Phase 2 Marine Seismic	Weaver Oil and Gas Corp	S6820005	No	Yes
W07-14	1973	Mermaid-Cartier Marine Seismic	Burmah Oil Co of Australia	S6730011	No	Yes
W07-14	1965	Montebello-Mermaid Shoal Seismic	Burmah Oil Co of Australia	S0650069	No	No
W07-14	1972	Naringla Seismic	Burmah Oil Co of Australia	S6720083	No	Yes
W07-14	1988	SPA 1SL/88-9 Scientific Marine Seismic (JN88)	Japan National Oil Corp	S6880036	Yes	Yes
W07-14	1976	Surprise Reef Marine Seismic	Amax Petroleum	S6760004	No	Yes
W07-14	1993	AGSO Survey Marine 120;Southern North West Shelf	AGSO	S6930072	Yes	Yes
W07-14	1970	Tryal-Evams Seismic	Western Geophysical	S6700072	Yes	Yes

W07-14	1973	Walker Rock Marine Seismic	Barkley Oil Co	S6720019	No	Yes
W07-15	1969	Adele-Scott Seismic	Burmah Oil Co	S0690083	Yes	Yes
W07-15	1993	AGSO Survey Marine 120;Southern North West Shelf	AGSO	S6930072	Yes	Yes
W07-15	1972	Baleine Marine Seismic & Magnetic	Amax Petroleum	S6720020	No	Yes
W07-15	1973	Broome 2 (369) Marine Seismic & Gravity	WAPET	S6730008	No	Yes
W07-15	1982	West Broome Marine Seismic	Home Energy Co Ltd	S6820029	No	Yes
W07-15	1968	Offshore Canning-Seringapatam Seismic	Burmah Oil Co of Australia	S6680064	Yes	Yes
W07-15	1983	Carnot 1983 Marine Seismic	Pursuit Oil NL	S6830025	No	Yes
W07-15	1970	Lacepede (258) Marine Seismic	WAPET	S6700007	No	Yes
W07-15	1969	Legendre-Marie Marine Seismic	Burmah Oil Co of Australia	S0690066	Yes	Yes
W07-15	1969	Legendre-Marie Marine Seismic	Burmah Oil Co of Australia	S0690066	Yes	Yes
W07-15	1998	Leeque Shelf (LS-98) Marine Seismic	GHD Gardline	S6980029	Yes	Yes
W07-15	1965	Montebello-Mermaid Shoal Seismic	Burmah Oil Co of Australia	S0650069	No	No
W07-15	1972	Naringla Seismic	Burmah Oil Co of Australia	S6720083	No	Yes
W07-15	1988	SPA 1SL/88-9 Scientific Marine Seismic (JN88)	Japan National Oil Corp	S6880036	Yes	Yes
W07-15	1980	Quondong Marine Seismic	Pursuit Oil NL	S6800012	Yes	Yes
W07-15	1993	AGSO Survey Marine 120;Southern North West Shelf	AGSO	S6930072	Yes	Yes
W07-15	1970	Tryal-Evams Seismic	Western Geophysical	S6700072	Yes	Yes

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PRODUCTS

Geoscience Australia Reports/Products – W07-12 to W07-15, Canning Basin

- Canning Basin Project, Stage 1, Lennard Shelf: Wells Folio. AGSO Record 1992/96
- Canning Basin Project, Stage 1, Lennard Shelf: Seismic Folio. AGSO Record 1993/1
- Canning Basin Project, Stage 2. Geochemical and Porosity/Permeability Data. AGSO Record 1994/59
- Canning Basin Project, Stage 2. Geohistory Modelling - AGSO Record 1994/67
- Central North West Shelf (Rowley) seepage survey. AusGeo News 85, March 2007. <http://www.ga.gov.au/ausgeonews/download.jsp>
- Central North West Shelf Seepage: identifying potential natural hydrocarbon seeps and petroleum prospectivity, Offshore Canning and Roebuck Basins. (28 May - 24 June 2006). SS06/06 Marine National Facility. <http://www.marine.csiro.au/nationalfacility/voyagedocs/2006/index.htm>
- Line Drawings of Interpreted Regional Seismic Profiles. Offshore Northern and Northwestern Australia. Geocat No's 35234, 35237, 35239 – 35245, 35247 – 35249, 35252.
- Source Rock Time Slice Maps. Offshore Northwest Australia, Geocat No 61179

Contact Geoscience Australia's Sales Centre for more information or to order these reports or products, phone 61 (0)2 6249 9966, e-mail sales@ga.gov.au

OTHER DIGITAL DATA

AMSIS

The Australian Marine Spatial Information System (AMSIS), a recent release from Geoscience Australia, is an on-line mapping and decision support tool that presents a vast array of Commonwealth interests in Australia's marine jurisdiction. With the cooperation of other Government and private sector agencies, this system integrates administrative boundary information including petroleum leases with scientific data against other background data such as bathymetry.

AMSIS is easy to use and provides access to data via a web browser for those interested in the marine environment without the need for specialised software or mapping skills. AMSIS not only displays 'what's out there', but also allows users to query the information, view metadata, and conduct more advanced functions such as return the nearest distance from a point to a nominated boundary.

AMSIS can be found on the web at: www.ga.gov.au/amsis

AUSTRALIAN GEOLOGICAL PROVINCES DATABASE

The Australian Geological Provinces Database provides interpretive data on Australia's sedimentary, igneous, metallogenic, structural and metamorphic provinces. The database has been jointly developed and populated by the Onshore Energy and Minerals Division of Geoscience Australia, which is concentrating on onshore geological provinces, and the Petroleum and Marine Division, which is capturing data for offshore sedimentary basins. The database provides the mapped extent of Australia's geological provinces, and includes attributes such as size, water depth, tectonic setting, age, sediment thickness, main rock types, depositional environments, main resources, key references, and relations to other geological provinces. It also includes an overview of the geology, exploration status, and petroleum system elements of each province.

The Australian Geological Provinces Database is available online. Access to the database is provided through the Geoscience Australia website using an interactive mapping system, at www.ga.gov.au/oracle/provinces/

The interface allows users to view and select provinces of interest based on their key attributes, and to add key map layers (exploration data, surface geology, images, bathymetry). Database extracts are provided as an html report, and include links to key images (structural element maps, regional cross-sections, stratigraphic and petroleum system charts).

This database interface provides explorers with basic geological information on all offshore sedimentary basins, and many of their component sub-basins, along Australia's continental margin.

NATIONAL PETROLUEM WELLS DATABASE

Geoscience Australia's geological databases provide detailed open file header data, biostratigraphic data, organic geochemical data, reservoir and facies data, interpreted depositional environment information and directional survey data. These data have been extracted from open file Well Completion Reports or are the results of Geoscience Australia studies. These data can be accessed via the following paths:

- Download data for wells relevant to the 2007 Acreage Release areas directly from Geoscience Australia's databases.
http://www.ga.gov.au/oracle/apcrc/ar_list.jsp

- Search page allowing access to all open file wells for the above datasets.
<http://dbforms.ga.gov.au/www/npm.well.search>

- Static file compiled from the Geoscience Australia databases in December 2006. This file is intended for clients without facility to download web data. Data may have been added to the databases after this file was compiled. Clients are encouraged to use the above web download sites in preference to this static file. **Canning Basin.zip**

Please contact **sales@ga.gov.au** with any technical problems using the web pages listed above. For technical information on these data contact David Rowland, Petroleum Database Manager, phone 61 (0)2 62499111, e-mail **David.Rowland@ga.gov.au**