



Australian Government

Department of Resources, Energy and Tourism

2008 RELEASE OF AUSTRALIAN OFFSHORE PETROLEUM EXPLORATION AREAS

DATA – RELEASE AREAS NT08-1 TO NT08-3, AND W08-1 TO W08-3 PETREL SUB-BASIN, BONAPARTE BASIN

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, the Northern Territory Department of Primary Industries, Fisheries and Mines (DPIFM), Darwin and 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 has 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 visiting http://www.ga.gov.au/oceans/oar_DataRoom.jsp, or emailing biu@ga.gov.au

Additional information Geoscience Australia products that support the 2008 release areas can also be obtained from the Geoscience Australia Acreage Release webpage, <http://www.ga.gov.au/oceans/Acreage2008.jsp>

Packages of specific seismic data relevant to the 2008 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 2008 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 2008 release areas in the Petrel Sub-basin are listed below.

WELL DATA

Well Completion Reports–NT08-1 to NT08-3, AND W08-1 to W08-3, Petrel Sub-basin

Well	Year [§]	Data Avail [*]	Basic	Interpretive	Well Logs	Additional Data
Billabong 1	1992	A	Yes	Yes	Yes	
Billawock 1	1992	A	Yes	Yes	Yes	
Blacktip 1	2001	A	Yes	Yes	Yes	
Blacktip North 1	2006	C				
Curlew 1	1975	A	Yes	Yes	Yes	
Darwinia 1	1985	A	Yes	Yes	Yes	
Darwinia 1A	1985	A	Yes	Yes	Yes	
Fishburn 1	1992	A	Yes	Yes	Yes	
Flat Top 1	1970	A	Yes	Yes	Yes	
Frigate 1	1978	A	Yes	Yes	Yes	
Gull 1	1971	A	Yes	Yes	Yes	
Jacaranda 1	1984	A	Yes	Yes	Yes	
Marsi 1	1996	A	Yes	Yes	Yes	
Marsi 1 ST1	1996	A	Yes	Yes	Yes	
Newby 1	1969	A	Yes	Yes	Yes	
Penguin 1	1972	A	Yes	Yes	Yes	Well Velocity Report
Petrel 1	1969	A	Yes	Yes	Yes	
Petrel 1A	1970	A	Yes	Yes	Yes	
Petrel 2	1971	A	Yes	Yes	Yes	
Petrel 3	1982	A	Yes	Yes	Yes	Addendum
Petrel 4	1988	A	Yes	Yes	Yes	Well Seismic Rep
Petrel 5	1994	A	Yes	Yes	Yes	
Petrel 6	1996	A		Yes	Yes	
Polkadot 1	2004	B	Yes		Yes	
Sandpiper 1	1971	A	Yes	Yes	Yes	
Schilling 1	1997	A	Yes	Yes	Yes	
Tern 1	1971	A	Yes	Yes	Yes	
Tern 2	1982	A	Yes	Yes	Yes	
Tern 3	1982	A	Yes	Yes	Yes	
Tern 4	1994	A	Yes	Yes	Yes	
Tern 5	1998	A	Yes	Yes	Yes	

[§]Year is based on Rig-release date, * A = All data (Basic and Interpretive) are available, B = Basic data only available, C = Basic and Interpretive data are confidential. Data is accurate as at 18 January 2008.

**Analysis Reports – NT08-1 to NT08-3, AND W08-1 to W08-3,
Petrel Sub-basin**

Well	Report #	Report Title	Company	Test	Year
Curlew 1	DAR0822	New palynology on cuttings for Curlew 1 well.	BMR Geology and Geophysics	Palynology	1991
Curlew 1	DAR0754	Source rock Geochemistry data on eleven Bonaparte Basin wells.	NT Geological Survey	TOC/Pyrolysis	1986
Curlew 1	DAR0754	Source rock Geochemistry data on eleven Bonaparte Basin wells.	NT Geological Survey	Vitrinite reflectance	1986
Curlew 1	DAR0475	Diagenesis of sandstones from the Bonaparte Basin Nth Aust - a pilot study	Shell Co of Australia	Diagenesis	1982
Darwinia 1	DAR1103	Pyrolysis and Source Rock Kinetic Data	Enterprise Oil	Pyrolysis	1993
Darwinia 1	DAR1103	Pyrolysis and Source Rock Kinetic Data	Enterprise Oil	Source Rock Kinetics	1993
Fishburn 1	DAR1195	Geochem study of samples in the Londonderry High Area	Japan National Oil Corp	Geochemical Study	1998
Fishburn 1	DAR1271	Geochemical Analysis from Fishburn - 1 & tern - 3	Origin Energy	TOC & Rock Eval	2004
Fishburn 1	DAR1272	Palynology review of Fishburn - 1	Origin Energy	Palynology	2003
Flat Top 1	DAR0714	Biostratigraphic (micropaleo) of the Bathurst Island group, WA.	BHP Petroleum Pty Ltd	Micropalaeontology	1989
Flat Top 1	DAR0718	Organic geochemical analyses of two Northern Territory offshore wells.	BHP Petroleum Pty Ltd	Organic geochemistry	1989
Flat Top 1	DAR0856	New Palynology from Flat Top 1 well.	BP Australia Ltd	Palynology	1991
Flat Top 1	DAR0754	Source rock Geochemistry data on eleven Bonaparte Basin wells.	NT Geological Survey	Gas, liquid chromatography	1986
Flat Top 1	DAR0754	Source rock Geochemistry data on eleven Bonaparte Basin wells.	NT Geological Survey	TOC/Pyrolysis	1986
Flat Top 1	DAR0754	Source rock Geochemistry data on eleven Bonaparte Basin wells.	NT Geological Survey	Vitrinite reflectance	1986
Flat Top 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Carbon Isotopes	NA
Flat Top 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Kerogen composition	NA
Flat Top 1	DAR0650	Petroleum Geology &	Robertson	Liquid chromatography	NA

		Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Research (Aust) Pty		
Flat Top 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Lithology	NA
Flat Top 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Gas chromatography MS	NA
Flat Top 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Vitrinite reflectance	NA
Flat Top 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Rock - Eval pyrolysis	NA
Flat Top 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Soluble extract	NA
Flat Top 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Source rock geochemistry	NA
Flat Top 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Spore colour index	NA
Flat Top 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	TOC - EOM	NA
Flat Top 1	DAR0374	A total organic carbon and pyrolysis analysis of the Flat Top 1 well.	Shell Co of Australia	Rock - Eval pyrolysis	1979
Flat Top 1	DAR0374	A total organic carbon and pyrolysis analysis of the Flat Top 1 well.	Shell Co of Australia	TOC - EOM	1979
Flat Top 1	DAR0376	Variation of Vitrinite reflectance with depth, Flat Top No. 1.	Shell Co of Australia	Vitrinite reflectance	1979
Flat Top 1	DAR1154	TOC and Rock - Eval Analyses	Union Texas (PNG) Inc	TOC and Rock - Eval	NA
Flat Top 1	DAR0529	The Permian sediments of the NW shelf of Australia and Timor Indonesia.	University of London	Sedimentology	1985
Flat Top 1	DAR0745	Similarities of the Permian limestones of the NW. shelf and W. Timor.	University of London	Palaeogeography	1987
Frigate 1	DAR0730	Studies in Australian Mesozoic Palynology	Assoc of Aust Palynology	Palynology(Mesozoic)	1987
Frigate 1	DAR0826	New palynology on cuttings for Frigate 1.	BMR Geology and Geophysics	Palynology	1991
Gull 1	DAR0730	Studies in Australian	Assoc of Aust	Palynology(Mesozoic)	1987

		Mesozoic Palynology	Palynology		
Gull 1	DAR0701	Organic geochemical analyses on samples from thirteen offshore WA wells.	BHP Petroleum Pty Ltd	TOC	1988
Gull 1	DAR0701	Organic geochemical analyses on samples from thirteen offshore WA wells.	BHP Petroleum Pty Ltd	Vitrinite reflectance	1988
Gull 1	DAR0701	Organic geochemical analyses on samples from thirteen offshore WA wells.	BHP Petroleum Pty Ltd	Rock - Eval pyrolysis	1988
Gull 1	DAR0701	Organic geochemical analyses on samples from thirteen offshore WA wells.	BHP Petroleum Pty Ltd	Pyrolysis GC	1988
Gull 1	DAR0716	Biostratigraphic (micropaleo) analysis of the Bathurst Island group, WA.	BHP Petroleum Pty Ltd	Micropalaeontology	1989
Gull 1	DAR0748	Petrographic report on conventional core data from geo. Survey of WA.	BHP Petroleum Pty Ltd	Petrography	1989
Gull 1	DAR0748	Petrographic report on conventional core data from geo. Survey of WA.	BHP Petroleum Pty Ltd	Diagenesis	1989
Gull 1	DAR1077	Petrographic Report on Conventional Core Data	BHP Petroleum Pty Ltd	Petrography	1989
Gull 1	DAR0824	New palynology on cuttings for Gull 1 well.	BMR Geology and Geophysics	Palynology	1991
Gull 1	DAR0857	New Palynology from Gull 1 well.	BP Australia Ltd	Palynology	1991
Gull 1	DAR1070	Geochemical Analysis of One Sample Flamingo#1 (PART - 1)	Marathon Oil	Clay Mineralogy	1993
Gull 1	DAR1070	Clay Mineralogy Results Gull#1 and Flamingo#1 (PART - 2)	Marathon Oil	Clay Mineralogy	1993
Gull 1	DAR1323	Petrographical, Mercury Injection Capillary Pressure Analyses	NCPGG	Petrography	2000
Gull 1	DAR1323	Petrographical, Mercury Injection Capillary Pressure Analyses	NCPGG	MICP	2000
Gull 1	DAR0639	Petroleum Geochemistry of the Australian NW shelf. Preliminary report 1564	Robertson Research (Aust) Pty	Kerogen composition	1986
Gull 1	DAR0639	Petroleum Geochemistry of the Australian NW shelf. Preliminary report 1564	Robertson Research (Aust) Pty	Lithology	1986
Gull 1	DAR0639	Petroleum Geochemistry of the Australian NW shelf. Preliminary report 1564	Robertson Research (Aust) Pty	Spore colour index	1986

Gull 1	DAR0639	Petroleum Geochemistry of the Australian NW shelf. Preliminary report 1564	Robertson Research (Aust) Pty	Rock - Eval pyrolysis	1986
Gull 1	DAR0639	Petroleum Geochemistry of the Australian NW shelf. Preliminary report 1564	Robertson Research (Aust) Pty	TOC - EOM	1986
Gull 1	DAR0639	Petroleum Geochemistry of the Australian NW shelf. Preliminary report 1564	Robertson Research (Aust) Pty	Vitrinite reflectance	1986
Gull 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Carbon Isotopes	NA
Gull 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Soluble extract	NA
Gull 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	TOC - EOM	NA
Gull 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Lithology	NA
Gull 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Source rock geochemistry	NA
Gull 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Kerogen composition	NA
Gull 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Vitrinite reflectance	NA
Gull 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Spore colour index	NA
Gull 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Rock - Eval pyrolysis	NA
Gull 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Gas chromatography MS	NA
Gull 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Liquid chromatography	NA
Gull 1	DAR0475	Diagenesis of sandstones from the Bonaparte Basin Nth Aust - a pilot study	Shell Co of Australia	Diagenesis	1982

Jacaranda 1	DAR0780	Bulk Fluid Inclusion Mass Spectrometry on samples from Jacaranda 1 well.	Amoco Aust Pet Co	Bulk fluid inclusion MS	1991
Jacaranda 1	DAR0717	Biostratigraphic (Palynology) analysis of three NT offshore wells.	BHP Petroleum Pty Ltd	Palynology	1989
Jacaranda 1	DAR0859	New Palynology from Jacaranda 1 well.	BP Australia Ltd	Palynology	1991
Jacaranda 1	DAR1103	Pyrolysis and Source Rock Kinetic Data	Enterprise Oil	Pyrolysis	1993
Jacaranda 1	DAR1103	Pyrolysis and Source Rock Kinetic Data	Enterprise Oil	Source Rock Kinetics	1993
Jacaranda 1	DAR1096	Reconnaissance Palynological Analysis of Jacaranda - 1, Bonaparte Basin	Esso Australia Ltd	Palynology	1985
Penguin 1	DAR1197	Thermal History Reconstruction in wells using AFTA & VR	Geotrack	AFTR & VR	1997
Penguin 1	DAR0639	Petroleum Geochemistry of the Australian NW shelf. Preliminary report 1564	Robertson Research (Aust) Pty	Lithology	1986
Penguin 1	DAR0639	Petroleum Geochemistry of the Australian NW shelf. Preliminary report 1564	Robertson Research (Aust) Pty	Vitrinite reflectance	1986
Penguin 1	DAR0639	Petroleum Geochemistry of the Australian NW shelf. Preliminary report 1564	Robertson Research (Aust) Pty	Spore colour index	1986
Penguin 1	DAR0639	Petroleum Geochemistry of the Australian NW shelf. Preliminary report 1564	Robertson Research (Aust) Pty	Kerogen composition	1986
Penguin 1	DAR0639	Petroleum Geochemistry of the Australian NW shelf. Preliminary report 1564	Robertson Research (Aust) Pty	Rock - Eval pyrolysis	1986
Penguin 1	DAR0639	Petroleum Geochemistry of the Australian NW shelf. Preliminary report 1564	Robertson Research (Aust) Pty	TOC - EOM	1986
Penguin 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Source rock geochemistry	NA
Penguin 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Vitrinite reflectance	NA
Penguin 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Spore colour index	NA
Penguin 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Lithology	NA

Penguin 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Rock - Eval pyrolysis	NA
Penguin 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Soluble extract	NA
Penguin 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	TOC - EOM	NA
Penguin 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Liquid chromatography	NA
Penguin 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Carbon Isotopes	NA
Penguin 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Gas chromatography MS	NA
Penguin 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Kerogen composition	NA
Penguin 1	DAR0475	Diagenesis of sandstones from the Bonaparte Basin Nth Aust - a pilot study	Shell Co of Australia	Diagenesis	1982
Penguin 1	DAR0529	The Permian sediments of the NW shelf of Australia and Timor Indonesia.	University of London	Sedimentology	1985
Petrel 1	DAR0827	New palynology on cuttings for Petrel 1.	BMR Geology and Geophysics	Palynology	1991
Petrel 1	DAR1323	Petrographical, Mercury Injection Capillary Pressure Analyses	NCPGG	Petrography	2000
Petrel 1	DAR1323	Petrographical, Mercury Injection Capillary Pressure Analyses	NCPGG	MICP	2000
Petrel 1	DAR0077	Source rock potential and max palaeotemp study of 10 wells, offshore WA.	Robertson Research (Aust) Pty	Palaeotemperature	1974
Petrel 1	DAR0077	Source rock potential and max palaeotemp study of 10 wells, offshore WA.	Robertson Research (Aust) Pty	Source rock geochemistry	1974
Petrel 1	DAR0529	The Permian sediments of the NW shelf of Australia and Timor Indonesia.	University of London	Sedimentology	1985
Petrel 1	DAR0530	Comparison of sandstones from NW shelf Aust. & Kerkeno area Indonesia.	University of London	Petrography	1985

Petrel 1	DAR0530	Comparison of sandstones from NW shelf Aust. & Kekeno area Indonesia.	University of London	Heavy minerals analysis	1985
Petrel 1A	DAR0860	New Palynology from Petrel 1A well.	BP Australia Ltd	Palynology	1991
Petrel 2	DAR0714	Biostratigraphic (micropaleo) of the Bathurst Island group, WA.	BHP Petroleum Pty Ltd	Micropalaeontology	1989
Petrel 2	DAR0735	Source potential of samples from cores from three WA offshore wells.	BMR Geology and Geophysics	Rock - Eval pyrolysis	1990
Petrel 2	DAR0735	Source potential of samples from cores from three WA offshore wells.	BMR Geology and Geophysics	TOC	1990
Petrel 2	DAR0754	Source rock Geochemistry data on eleven Bonaparte Basin wells.	NT Geological Survey	Vitrinite reflectance	1986
Petrel 2	DAR0754	Source rock Geochemistry data on eleven Bonaparte Basin wells.	NT Geological Survey	Gas, liquid chromatography	1986
Petrel 2	DAR0754	Source rock Geochemistry data on eleven Bonaparte Basin wells.	NT Geological Survey	TOC/Pyrolysis	1986
Petrel 2	DAR0639	Petroleum Geochemistry of the Australian NW shelf. Preliminary report 1564	Robertson Research (Aust) Pty	Kerogen composition	1986
Petrel 2	DAR0639	Petroleum Geochemistry of the Australian NW shelf. Preliminary report 1564	Robertson Research (Aust) Pty	Lithology	1986
Petrel 2	DAR0639	Petroleum Geochemistry of the Australian NW shelf. Preliminary report 1564	Robertson Research (Aust) Pty	Rock - Eval pyrolysis	1986
Petrel 2	DAR0639	Petroleum Geochemistry of the Australian NW shelf. Preliminary report 1564	Robertson Research (Aust) Pty	Spore colour index	1986
Petrel 2	DAR0639	Petroleum Geochemistry of the Australian NW shelf. Preliminary report 1564	Robertson Research (Aust) Pty	TOC - EOM	1986
Petrel 2	DAR0639	Petroleum Geochemistry of the Australian NW shelf. Preliminary report 1564	Robertson Research (Aust) Pty	Vitrinite reflectance	1986
Petrel 2	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Carbon Isotopes	NA
Petrel 2	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Gas chromatography MS	NA

Petrel 2	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	TOC - EOM	NA
Petrel 2	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Kerogen composition	NA
Petrel 2	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Liquid chromatography	NA
Petrel 2	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Lithology	NA
Petrel 2	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Rock - Eval pyrolysis	NA
Petrel 2	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Soluble extract	NA
Petrel 2	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Source rock geochemistry	NA
Petrel 2	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Spore colour index	NA
Petrel 2	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Vitrinite reflectance	NA
Petrel 2	DAR0475	Diagenesis of sandstones from the Bonaparte Basin Nth Aust - a pilot study	Shell Co of Australia	Diagenesis	1982
Petrel 2	DAR1154	TOC and Rock - Eval Analyses	Union Texas (PNG) Inc	TOC and Rock - Eval	NA
Petrel 2	DAR0529	The Permian sediments of the NW shelf of Australia and Timor Indonesia.	University of London	Sedimentology	1985
Sandpiper 1	DAR1114	Data and Interp based on new analysis by GC & GCMS (3 PARTS)	PGA Consultants	Souce Rocks	1995
Schilling 1	DAR1291	Reservoir Petrology - Bonaparte Basin	Santos Ltd	Petrology	2007
Tern 1	DAR0730	Studies in Australian Mesozoic Palynology	Assoc of Aust Palynology	Palynology(Mesozoic)	1987
Tern 1	DAR0701	Organic geochemical analyses on samples from thirteen offshore WA wells.	BHP Petroleum Pty Ltd	Vitrinite reflectance	1988
Tern 1	DAR0701	Organic geochemical analyses on samples from thirteen offshore WA wells.	BHP Petroleum Pty Ltd	Pyrolysis GC	1988

Tern 1	DAR0701	Organic geochemical analyses on samples from thirteen offshore WA wells.	BHP Petroleum Pty Ltd	Rock - Eval pyrolysis	1988
Tern 1	DAR0701	Organic geochemical analyses on samples from thirteen offshore WA wells.	BHP Petroleum Pty Ltd	TOC	1988
Tern 1	DAR0748	Petrographic report on conventional core data from geo. Survey of WA.	BHP Petroleum Pty Ltd	Diagenesis	1989
Tern 1	DAR0748	Petrographic report on conventional core data from geo. Survey of WA.	BHP Petroleum Pty Ltd	Petrography	1989
Tern 1	DAR1077	Petrographic Report on Conventional Core Data	BHP Petroleum Pty Ltd	Petrography	1989
Tern 1	DAR0829	New palynology on cuttings for Tern 1.	BMR Geology and Geophysics	Palynology	1991
Tern 1	DAR0865	New Palynology data from Tern 1 well.	BP Australia Ltd	Palynology	1991
Tern 1	DAR1299	GOI analysis from Keyling Formation in Tern - 1	Eni Aust	GOI analysis	2005
Tern 1	DAR1197	Thermal History Reconstruction in wells using AFTA & VR	Geotrack	AFTR & VR	1997
Tern 1	DAR1195	Geochem study of samples in the Londonderry High Area	Japan National Oil Corp	Geochemical Study	1998
Tern 1	DAR1191	Sedimentological & Petrographical Descriptions	Mobil Exploration	Sedimentology/Petrography	1998
Tern 1	DAR0640	Petroleum Geochemistry of the Australian NW shelf. Progress report No. 5	Robertson Research (Aust) Pty	Rock - Eval pyrolysis	1986
Tern 1	DAR0640	Petroleum Geochemistry of the Australian NW shelf. Progress report No. 5	Robertson Research (Aust) Pty	Vitrinite reflectance	1986
Tern 1	DAR0640	Petroleum Geochemistry of the Australian NW shelf. Progress report No. 5	Robertson Research (Aust) Pty	TOC - EOM	1986
Tern 1	DAR0640	Petroleum Geochemistry of the Australian NW shelf. Progress report No. 5	Robertson Research (Aust) Pty	Lithology	1986
Tern 1	DAR0640	Petroleum Geochemistry of the Australian NW shelf. Progress report No. 5	Robertson Research (Aust) Pty	Kerogen composition	1986
Tern 1	DAR0640	Petroleum Geochemistry of the Australian NW shelf. Progress report No. 5	Robertson Research (Aust) Pty	Spore colour index	1986

Tern 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Vitrinite reflectance	NA
Tern 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Source rock geochemistry	NA
Tern 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	TOC - EOM	NA
Tern 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Spore colour index	NA
Tern 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Soluble extract	NA
Tern 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Lithology	NA
Tern 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Carbon Isotopes	NA
Tern 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Gas chromatography MS	NA
Tern 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Kerogen composition	NA
Tern 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Liquid chromatography	NA
Tern 1	DAR0650	Petroleum Geology & Geochemistry, NW shelf WA - Phase 2, Vol 3, Part 6c.	Robertson Research (Aust) Pty	Rock - Eval pyrolysis	NA
Tern 1	DAR0475	Diagenesis of sandstones from the Bonaparte Basin Nth Aust - a pilot study	Shell Co of Australia	Diagenesis	1982
Tern 1	DAR1154	TOC and Rock - Eval Analyses	Union Texas (PNG) Inc	TOC and Rock - Eval	NA
Tern 1	DAR0529	The Permian sediments of the NW shelf of Australia and Timor Indonesia.	University of London	Sedimentology	1985
Tern 1	DAR1260	palynology review of Tern - 1	Woodside Energy Ltd	Palynology	2003
Tern 2	DAR0730	Studies in Australian Mesozoic Palynology	Assoc of Aust Palynology	Palynology(Mesozoic)	1987
Tern 2	DAR1191	Sedimentological & Petrographical Descriptions	Mobil Exploration	Sedimentology/Petrography	1998

Tern 3	DAR1191	Sedimentological & Petrographical Descriptions	Mobil Exploration	Sedimentology/Petrography	1998
Tern 3	DAR1271	Geochemical Analysis from Fishburn - 1 & tern - 3	Origin Energy	TOC & rock Eval	2004
Tern 3	DAR1273	Palynology review of Tern - 3	Origin Energy	Palynology	2003

Data is accurate as at 17 December 2007.

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

PHYSICAL DATA

Cores and Cuttings – NT08-1 to NT08-3, AND W08-1 to W08-3, Petrel Sub-basin

Confid*	Area	Well	Test Type	Top (m)	Bottom (m)
OF	W08-2	Billabong 1	Cuttings	143	2028
OF	NT08-2	Billawock 1	No Samples submitted to date		
OF	W08-3	Blacktip 1	Cuttings	390	3181
OF	NT08-2	Curlew 1	Cuttings	249.94	2035.45
OF	W08-2	Darwinia 1	Core	1655	1664
OF	W08-2	Darwinia 1	Cuttings	615	2426
OF	W08-2	Darwinia 1A	Core	1655	1664
OF	W08-2	Darwinia 1A	Cuttings	615	2426
OF	W08-2	Fishburn 1	Cuttings	140	2870
OF	NT08-2	Flat Top 1	Core	989.38	1716.02
OF	NT08-2	Flat Top 1	Cuttings	67.06	2170.18
OF	W08-3	Frigate 1	Cuttings	251.46	1584.96
OF	W08-2	Gull 1	Core	1525.22	3421.38
OF	W08-2	Gull 1	Cuttings	307.85	3416.81
OF	W08-2	Jacaranda 1	Cuttings	570	2894
OF	W08-2	Marsi 1	Cuttings	1240	3460
OF	W08-2	Marsi 1 ST1	Cuttings	1235	2759
OF	NT08-2	Newby 1	Core	1136.28	1140.85
OF	NT08-2	Newby 1	Cuttings	259.14	1094.51
OF	W08-3	Penguin 1	Core	2548.13	2566.42
OF	W08-3	Penguin 1	Cuttings	254.51	2758.47
OF	NT08-3	Petrel 1	Core	755.9	3586.28
OF	NT08-3	Petrel 1	Cuttings	283.46	3895.34
OF	NT08-3	Petrel 1A	Cuttings	286.51	4090.11
OF	NT08-3	Petrel 2	Core	2222.3	4204.41
OF	NT08-3	Petrel 2	Cuttings	283.46	4724.4
OF	NT08-3	Petrel 3	Core	3588.5	3851.3
OF	NT08-3	Petrel 3	Cuttings	300	3970
OF	W08-3	Petrel 4	Core	3563.6	3813.32
OF	W08-3	Petrel 4	Cuttings	340	3975
OF	W08-3	Petrel 5	Core	3759	3794
OF	W08-3	Petrel 5	Cuttings	290	3935
OF	NT08-3	Petrel 6	Core	3562	3680.5
OF	NT08-3	Petrel 6	Cuttings	320	3915
B	W08-3	Polkadot 1	Cuttings	1705	3791
OF	W08-3	Sandpiper 1	Cuttings	243.84	1889.76

OF	W08-2	Schilling 1	No Samples submitted to date		
OF	W08-3	Tern 1	Core	999.74	4351.63
OF	W08-3	Tern 1	Cuttings	243.84	4340.35
OF	W08-3	Tern 2	Core	2550.3	3058.7
OF	W08-3	Tern 2	Cuttings	310	3141
OF	W08-3	Tern 3	Core	2450	2477.73
OF	W08-3	Tern 3	Cuttings	265	2683.2
OF	W08-3	Tern 4	Core	2540	2584.32
OF	W08-3	Tern 4	Cuttings	320	2700
OF	W08-3	Tern 5	Core	2539	2589
OF	W08-3	Tern 5	Cuttings	324	2702

* Confidentiality denotes whether 1) interpretive and basic data is open file (OF) or 2) only basic data is open file (B). Data is accurate as at 19 December 2007.

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

Seismic Surveys – NT08-1, Petrel-Sub-basin

Survey Name	Client	Line km's	Year	Processed Data	Field Data	Snip ID	PIMS ID
Hyland	Australian Aquitaine	980	1968	Yes	Yes	160	S8670087
Londonderry Rise	Arco	8792	1968	No	Yes	329	S0680063
Peron Island	Australian Aquitaine	1592	1972	Yes	Yes	239	S0720003
Cartier	Arco	4099	1973	Yes	Yes	588	S0730003
NT/P33 1981 Marine Seismic	Tricentrol	1717	1983	Yes	Yes	138	S8810008
NT/P33 Marine Seismic	Tricentrol	815	1984	Yes	Yes	6	S8840010
Tamar and Central Bonaparte Marine Seismic	Halliburton Geophysical Services	2289	1989	Yes	Yes	537	S6880051
1990 Bonaparte Gulf Marine Seismic	BP	4153	1990	Yes	Yes	221	S0900003
1991 Bonaparte Gulf Marine Seismic	BP	1511	1991	Yes	Yes	220	S0910001
AGSO Marine Survey 100, Bonaparte II	Geoscience Australia	2187	1991	Yes	Yes	2405	S8910010
AGSO Marine Survey 118, Malita	Geoscience Australia	743	1993	Yes	Yes	2411	S0930001
SPA Jacaranda 98 Marine Seismic Survey	Nopec International	1412	1998	Yes	Yes	2544	S8980006
NT/P54 2000 2D Marine Seismic Survey	Kerr McGee	1777	2000	Yes	Yes	2841	S8200001

Data is accurate as at 17 December 2007.

Seismic Surveys – NT08-2, Petrel-Sub-basin

Survey Name	Client	Line km's	Year	Processed Data	Field Data	Snip ID	PIMS ID
Hyland	Australian Aquitaine	980	1968	Yes	Yes	160	S8670087
Peron Island	Australian Aquitaine	1592	1972	Yes	Yes	239	S0720003
NT/P33 1981 Marine Seismic	Tricentrol	1717	1983	Yes	Yes	138	S8810008
1991 Bonaparte Gulf Marine Seismic	BP	1511	1991	Yes	Yes	220	S0910001
AGSO Marine Survey 100, Bonaparte II	Geoscience Australia	2187	1991	Yes	Yes	2405	S8910010
NT/P54 2000 2D Marine Seismic Survey	Kerr McGee	1777	2000	Yes	Yes	2841	S8200001

Data is accurate as at 17 December 2007.

Seismic Surveys – NT08-3, Petrel-Sub-basin

Survey Name	Client	Line km's	Year	Processed Data	Field Data	Snip ID	PIMS ID
Lesueur	Arco	894	1967	No	??	2509	S0670081
Sahul Rise	Arco	15178	1967	No	Yes	339	S0670082
Hyland	Australian Aquitaine	980	1968	Yes	Yes	160	S8670087
Londonderry Rise	Arco	8792	1968	No	Yes	329	S0680063
Pago	Arco	4447	1972	Yes	Yes	338	S0720002
Peron Island	Australian Aquitaine	1592	1972	Yes	Yes	239	S0720003
Cartier	Arco	4099	1973	Yes	Yes	588	S0730003
Emperor	Lennard Oil	723	1980	Yes	Yes	328	S6800015
Howland (HD) Marine Seismic	Australian Aquitaine	1554	1980	Yes	Yes	252	S8800007
NT/P33 1981 Marine Seismic	Tricentrol	1717	1983	Yes	Yes	138	S8810008
NT/P33 Marine Seismic	Tricentrol	815	1984	Yes	Yes	6	S8840010
B89 Marine Seismic	Elf Aquitaine	1190	1989	No	Yes	279	S8890014
1990 Bonaparte Gulf Marine Seismic	BP	4153	1990	Yes	Yes	221	S0900003
1991 Bonaparte Gulf Marine Seismic	BP	1511	1991	Yes	Yes	220	S0910001
AGSO Marine Survey 100, Bonaparte II	Geoscience Australia	2187	1991	Yes	Yes	2405	S8910010
NT/P54 2000 2D Marine Seismic Survey	Kerr McGee	1777	2000	Yes	Yes	2841	S8200001

Data is accurate as at 17 December 2007.

Seismic Surveys – W08-1, Petrel-Sub-basin

Survey Name	Client	Line km's	Year	Processed Data	Field Data	Snip ID	PIMS ID
Sahul Rise	Arco	15178	1967	No	Yes	339	S0670082
Londonderry Rise	Arco	8792	1968	No	Yes	329	S0680063
Van Dieman Rise	Arco	1388	1969	No	Yes	340	S0690097
Baldwin Bank	Arco	3261	1972	No	Yes	332	S0720001
Cape Talbot	Arco	1846	1974	Yes	Yes	333	S0740001
Cape Bernier	Lennard Oil	400	1979	Yes	Yes	335	S6790023
Emperor	Lennard Oil	723	1980	Yes	Yes	328	S6800015
Bonaparte Gulf Marine Seismic, Gravity & Magnetic	Lennard Oil	1533	1981	Yes	Yes	582	S6810021
NT/P33 1981 Marine Seismic	Tricentrol	1717	1983	Yes	Yes	138	S8810008
NT/P33 Marine Seismic	Tricentrol	815	1984	Yes	Yes	6	S8840010
SPA 1SL/1987 Central Bonaparte Marine Seismic	Geophysical Service Inc	1937	1987	Yes	Yes	201	S6870001
SPA 4SL/1987	Halliburton Geophysical Services	170	1987	No	No	586	S6870007
SPA No. 2SL Marine Seismic	Halliburton Geophysical Services	74	1987	No	No	580	S6870002
Tamar and Central Bonaparte Marine Seismic	Halliburton Geophysical Services	2289	1989	Yes	Yes	537	S6880051
1990 Bonaparte Gulf Marine Seismic	BP	4153	1990	Yes	Yes	221	S0900003
1991 Bonaparte Gulf Marine Seismic	BP	1511	1991	Yes	Yes	220	S0910001
1991 Malita Marine Seismic	Petroz	2595	1991	Yes	Yes	174	S6910027
AGSO Marine Survey 100, Bonaparte II	Geoscience Australia	2187	1991	Yes	Yes	2405	S8910010
Helvetius 1992	MIM Petroleum	3001	1992	Yes	Yes	137	S6920025
AGSO Marine Survey 118, Malita	Geoscience Australia	743	1993	Yes	Yes	2411	S0930001
Fourcroy 1993	MIM Petroleum	1048	1993	Yes	Yes	306	S6930057
AGSO Marine Survey 160, Kununga	MIM Petroleum	2035	1995	No	Yes	2552	S5950008
Kununga 1995	MIM Petroleum	2058	1995	Yes	No	145	S6950002
SPA Jacaranda 98 Marine Seismic Survey	Nopec International	1412	1998	Yes	Yes	2544	S8980006
NT/P54 2000 2D Marine Seismic Survey	Kerr McGee	1777	2000	Yes	Yes	2841	S8200001

Data is accurate as at 17 December 2007.

Seismic Surveys – W08-2, Petrel-Sub-basin

Survey Name	Client	Line km's	Year	Processed Data	Field Data	Snip ID	PIMS ID
Sahul Rise	Arco	15178	1967	No	Yes	339	S0670082
Londonderry Rise	Arco	8792	1968	No	Yes	329	S0680063
Holothuria Survey	Arco	698	1970	No	Yes	589	S0700003
Pago	Arco	4447	1972	Yes	Yes	338	S0720002
Cartier	Arco	4099	1973	No	Yes	588	S0730003
Emperor	Lennard Oil	723	1980	Yes	Yes	328	S6800015
Howland (HD) Marine Seismic	Australian Aquitaine	1554	1980	Yes	Yes	252	S8800007
SPA 1SL/1987 Central Bonaparte Marine Seismic	Geophysical Service Inc	1937	1987	Yes	Yes	201	S6870001
SPA 4SL/1987	Halliburton Geophysical Services	170	1987	No	No	586	S6870007
SPA No. 2SL Marine Seismic	Halliburton Geophysical Services	74	1987	No	No	580	S6870002
B89 Marine Seismic	Elf Aquitaine	1190	1989	No	Yes	279	S8890014
Tamar and Central Bonaparte Marine Seismic	Halliburton Geophysical Services	2289	1989	Yes	Yes	537	S6880051
1990 Bonaparte Gulf Marine Seismic	BP	4153	1990	Yes	Yes	221	S0900003
1991 Bonaparte Gulf Marine Seismic	BP	1511	1991	Yes	Yes	220	S0910001
AGSO Marine Survey 100, Bonaparte II	Geoscience Australia	2187	1991	Yes	Yes	2405	S8910010
AGSO Marine Survey 118, Malita	Geoscience Australia	743	1993	Yes	Yes	2411	S0930001
NT/P54 2000 2D Marine Seismic Survey	Kerr McGee	1777	2000	Yes	Yes	2841	S8200001

Data is accurate as at 17 December 2007.

Seismic Surveys – W08-3, Petrel-Sub-basin

Survey Name	Client	Line km's	Year	Processed Data	Field Data	Snip ID	PIMS ID
Lesueur	Arco	894	1967	No	No	2509	S0670081
Sahul Rise	Arco	15178	1967	No	Yes	339	S0670082
Londonderry Rise	Arco	8792	1968	No	Yes	329	S0680063
Holothuria Survey	Arco	698	1970	Yes	Yes	589	S0700003
Gale Bank	Arco	465	1971	Yes	Yes	327	S0710004
Pago	Arco	4447	1972	Yes	Yes	338	S0720002
Cartier	Arco	4099	1973	Yes	Yes	588	S0730003
Van Cloon	Arco	1299	1976	No	Yes	2525	S0760002
Emperor	Lennard Oil	723	1980	Yes	Yes	328	S6800015
Howland (HD) Marine Seismic	Australian Aquitaine	1554	1980	Yes	Yes	252	S8800007
Casuarina (CR81) Marine Seismic	Australian Aquitaine	335	1981	Yes	Yes	163	S6810025
Dussejour	Australian Aquitaine	350	1983	Yes	Yes	487	S8830001
T83A Marine Seismic	Australian Aquitaine	93	1983	No	Yes	644	S6830016
Pompano	Minora Resources	326	1985	Yes	Yes	67	S6850032
B89 Marine Seismic	Elf Aquitaine	1190	1989	No	Yes	279	S8890014
1990 Bonaparte Gulf Marine Seismic	BP	4153	1990	Yes	Yes	221	S0900003
1991 Bonaparte Gulf Marine Seismic	BP	1511	1991	Yes	Yes	220	S0910001
AGSO Marine Survey 100, Bonaparte II	Geoscience Australia	2187	1991	Yes	Yes	2405	S8910010
SPA East Petrel 1997 Marine Seismic Survey	Nopec International	2391	1998	No	No	2546	S8980005
Tern (T80) Marine Seismic	not known	740		Yes	Yes	2522	S6800026

Data is accurate as at 17 December 2007.

Contact Geoscience Australia's Repository for more information regarding access to seismic data, phone +61 (0)2 6249 9222, e-mail ausgeodata@ga.gov.au

PRODUCTS

Geoscience Australia Reports/Products

- Oils of Western Australia II: Regional petroleum geochemistry and correlation of crude oils and condensates from Western Australia and Papua New Guinea. (2005) Geoscience Australia and GeoMark Research.
- Source rock time-slice maps (TOC, HI, VR), offshore northwest Australia — 1:3,000,000 scale. (2004) GeoCat # 61179.
- Line drawings of Geoscience Australia's regional seismic profiles, offshore northern and northwestern Australia. (2001) GeoCat # 36353.
- 100, 116, 118, 119 and 130, (2001) — digital horizon and fault data in ASCII format. (2001) GeoCat # 35237, 35239, 35249, 35243, 35244, 35248 respectively.
- Characterisation of natural gases from West Australian basins: Bonaparte Basin module. (2000) AGSO and Geotechnical Services non-exclusive study.
- Northern Bonaparte biozonation and stratigraphy chart 15. (1998)
- Petrel Sub-basin geohistory modelling CD. GeoCat # 39676. GA Record 2002/17.
- Petrel Sub-basin study 1995-1996:
 - Summary report. AGSO Record 1996/40.
 - Gravity modelling. AGSO Record 1996/41.
 - Organic geochemistry of oils and source rocks. AGSO Record 1996/42.
 - Geohistory modelling. AGSO Record 1996/43.

Industry Products

- Australian North West Shelf Digital Atlas, www.nwsda.com

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 PETROLEUM 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 2008 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 January 2008. 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: [AR08 Petrel.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