



Australian Government
Department of Industry
Tourism and Resources

2007 RELEASE OF AUSTRALIAN OFFSHORE PETROLEUM EXPLORATION AREAS

DATA – AREAS W07-18 TO W07-21 BEAGLE SUB-BASIN, CARNARVON 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 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 packages 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 Beagle Sub-basin, Carnarvon Basin are listed below.

WELL DATA

Well Completion Reports – W07-18 to W07-21, Beagle Sub-basin, Carnarvon Basin

Well	Operator	Year
Bounty 1	Marathon Petroleum Australia Ltd	1983
Bruce 1	Stirling Petroleum NL	1979
Calypso 1	Marathon Petroleum Australia Ltd	1985
Cossigny 1	B.O.C. of Australia Ltd	1972
Darwin 1	Apache Beagle Pty Ltd	1995
De Grey 1	B.O.C of Australia Limited	1971
Delambre 1	Woodside Petroleum Development Pty Ltd	1980
Depuch 1	B.O.C. of Australia Ltd	1974
Finucane 1	Woodside Petroleum Development Pty Ltd	1978
Grey Rabbit 1	Woodside Energy Ltd	2001
Huascaran 1	IB Resources Pty Ltd	2002
Nebo 1	Kufpec Australia Pty Ltd	1993
North Turtle 1	BP Petroleum Development Australia Pty Ltd	1982
Manaslu 1	IB Resources Pty Ltd	2001
Mutineer 1B	Santos Ltd	1998
Picard 1	B.O.C. of Australia Limited	1972
Poissonnier 1	B.O.C. of Australia Ltd.	1974
Ronsard 1	B.O.C. of Australia Ltd	1973
Sable 1	B O C of Australia Limited	1972
Tayra 1	Woodside Energy Ltd	2001

Analysis Reports – W07-18 to W07-21, Beagle Sub-basin, Carnarvon Basin

Well	Report No	Report Title	Company	Year
Aurora 1	DAR1111	Hydrocarbon Migration within reservoir sands.	CSIRO	1994
Aurora 1	DAR1214	Palynological Review of the Angel Formation.	Santos Ltd	1999
Bounty 1	DAR0895	Bulk fluid inclusion Mass spectrometry of samples from Bounty 1.	Amoco Aust Pet Co	1992
Bounty 1	DAR1092	Outer Rankin Palynological Review Carnarvon Basin, WA.	Phillips Oil Company	1994
Bounty 1	DAR1214	Palynological Review of the Angel Formation.	Santos Ltd	1999
Bruce 1	DAR0755	Beagle sub-basin Gazettal area - Seal potential sample study.	Bridge Oil Limited	1990
Bruce 1	DAR0793	Bulk Fluid Inclusion Mass Spectrometry on samples from Bruce 1 well.	Amoco Aust Pet Co	1991
Bruce 1	DAR1014	Carnarvon Basin Kerogen Kinetics Analysis - Data report.	Esso Australia Limited	1993
Bruce 1	DAR1177	Analysis of some Triassic source rocks and oil shows in and near WA-237P.	Hadson Beagle P/L	1993
Calypso 1	DAR0794	Bulk Fluid Inclusion Mass Spectrometry on samples from Calypso 1 well.	Amoco Aust Pet Co	1991

Calypso 1	DAR1099	Palynology Review of samples & slides from wells in the Beagle Sub-Basin.	Kufpec Aust	1994
Calypso 1	DAR1111	Hydrocarbon Migration within reservoir sands.	CSIRO	1994
Calypso 1	DAR1214	Palynological Review of the Angel Formation.	Santos Ltd	1999
Cossigny 1	DAR0417	Source rock data from the Perth, Carnarvon, Canning, Browse & Bonaparte Basins.	CSIRO	1980
Cossigny 1	DAR0520	Microscopical study of organic matter from 26 wells on the NW Shelf Aust.	Aust Elf Aquitaine	1984
Cossigny 1	DAR0552	Pyrolysis data on samples from wells in the Canning basin, WA.	CRA Exploration Ltd	1984
Cossigny 1	DAR0755	Beagle sub-basin Gazettal area - Seal potential sample study.	Bridge Oil Limited	1990
Cossigny 1	DAR0795	Bulk Fluid Inclusion Mass Spectrometry on samples from Cossigny 1 well.	Amoco Aust Pet Co	1991
Cossigny 1	DAR0972	Examination of samples from offshore Carnarvon for Triassic Conodonts.	Hardy Petroleum Ltd	1993
Cossigny 1	DAR1014	Carnarvon Basin Kerogen Kinetics Analysis - Data report.	Esso Australia Limited	1993
Cossigny 1	DAR1068	Facies Interp and Diagenesis of The Cossigny Member, Beagle Sub-Basin	University of Adelaide	1994
Darwin 1	DAR1236	Rock Property and Seal Quality in the Beagle Sub-basin WA.	IB Resources P/L	2000
De Grey 1	DAR0078	Petrological and Mineralogical investigations on Co & Cuttings, NW Shelf, Australia.	Robertson Research (Aust) Pty	1974
De Grey 1	DAR0179	Palynology of selected intervals in 8 wells drilled by B O C Australia.	Robertson Research (Aust) Pty	1974
De Grey 1	DAR0520	Microscopical study of organic matter from 26 wells on the NW shelf Aust	Aust Elf Aquitaine	1984
De Grey 1	DAR0796	Bulk Fluid Inclusion Mass Spectrometry on samples from DeGrey 1 well.	Amoco Aust Pet Co	1991
De Grey 1	DAR0958	Review of Palyostratigraphy of De Grey 1 well.	Not available	1983
De Grey 1	DAR1014	Carnarvon Basin Kerogen Kinetics Analysis - Data report.	Esso Australia Limited	1993
De Grey 1	DAR1093	Nichol Bay-1 Petroleum Extract Analyses.	Minora Resources NL	1994
De Grey 1	DAR1112	Petrology Report.	Minora Resources NL	1995
De Grey 1	DAR1125	Palynology of Enderby Terrace Wells.	Minora Resources NL	1995
Delambre 1	DAR0521	Analytical results of the organic matter study from some well cuttings.	Aust Elf Aquitaine	1984
Delambre 1	DAR0649	Petroleum Geology & Geochemistry, NW shelf, WA; Phase 2, Vol 2, part 6b.	Robertson Research (Aust) Pty	1986
Delambre 1	DAR0730	Studies in Australian Mesozoic Palynology.	Assoc of Aust Palynology	1987
Delambre 1	DAR0797	Bulk Fluid Inclusion Mass Spectrometry on samples from Delambre 1 well.	Amoco Aust Pet Co	1991
Delambre 1	DAR1092	Outer Rankin Palynological Review Carnarvon Basin, WA.	Phillips Oil Company	1994

Delambre 1	DAR1126	Towards an Early to Middle Jurassic Palaeogeography for the NW Shelf.	Apthorpe Palaeontology	1995
Delambre 1	DAR1145	High Resolution Biostratigraphy / Palynofacies Analysis.	Woodside Offshore Petroleum	1996
Delambre 1	DAR1236	Rock Property and Seal Quality in the Beagle Sub-basin, WA.	IB Resources P/L	2000
Depuch 1	DAR0552	Pyrolysis data on samples from wells in the Canning basin, WA.	CRA Exploration Ltd	1984
Depuch 1	DAR0647	Petroleum Geology & Geochemistry, Phase II (Part). Vol 1, Part 8, App.B.	Robertson Research (Aust) Pty	1987
Depuch 1	DAR0649	Petroleum Geology & Geochemistry, NW shelf, WA; Phase 2, Vol 2, part 6b.	Robertson Research (Aust) Pty	1986
Depuch 1	DAR0661	Geochemical data for Northwest shelf wells, offshore WA/NT.	BP Australia Ltd	1987
Depuch 1	DAR0755	Beagle sub-basin Gazettal area - Seal potential sample study.	Bridge Oil Limited	1990
Depuch 1	DAR0798	Bulk Fluid Inclusion Mass Spectrometry on samples from Depuch 1 well.	Amoco Aust Pet Co	1991
Depuch 1	DAR0877	Palynological review of sections of three wells, Beagle sub-basin.	Hadson Energy Ltd	1990
Depuch 1	DAR0970	Preliminary palynofacies study of Jurassic sediments, Beagle Sub-basin.	Kufpec Aust Pty Ltd	1992
Depuch 1	DAR0971	Geochemical evaluation of source rock oils from three wells Beagle sub-basin.	Kufpec Aust Pty Ltd	1993
Depuch 1	DAR1014	Carnarvon Basin Kerogen Kinetics Analysis - Data report.	Esso Australia Limited	1993
Depuch 1	DAR1045	Reconniassance palynological survey in thirteen wells from NW Aust.	Amoco Aust Pet Co	1993
Depuch 1	DAR1081	Palynological Review of sections of Depuch-1, Picard-1, North Turtle-1.	Hadson Energy Ltd	1990
Depuch 1	DAR1098	Geochemical Study of samples from Depuch-1 and Picard-1.	Kufpec Aust	1994
Depuch 1	DAR1100	Hydrocarbon and Pore water migration within reservoir sands.	Kufpec Aust	1994
Depuch 1	DAR1114	Data and Interp based on new analysis by GC & GCMS (3 Parts).	PGA Consultants	1995
Finucane 1	DAR0979	Fluid inclusion mass spectrometry of samples from Finucane 1 well.	Amoco Aust Pet Co	1993
Finucane 1	DAR1111	Hydrocarbon Migration within reservoir sands.	CSIRO	1994
Finucane 1	DAR1214	Palynological Review of the Angel Formation.	Santos Ltd	1999
Halo 1	DAR1236	Rock Property and Seal Quality in the Beagle Sub-basin, WA.	IB Resources P/L	2000
Jarman 1	DAR0552	Pyrolysis data on samples from wells in the Canning basin, WA.	CRA Exploration Ltd	1984
Jarman 1	DAR0637	Petroleum Geochemistry of the North West Shelf; Progress report 1:SS819.	Robertson Research (Aust) Pty	1985
Jarman 1	DAR0649	Petroleum Geology & Geochemistry, NW shelf, WA; Phase 2, Vol 2, part 6b.	Robertson Research (Aust) Pty	1986
Jarman 1	DAR0801	Bulk Fluid Inclusion Mass Spectrometry on samples from Jarman 1.	Amoco Aust Pet Co	1991

Jarman 1	DAR1045	Reconnaissance palynological survey in thirteen wells from NW Aust.	Amoco Aust Pet Co	1993
Jarman 1	DAR1097	New Palynology of cuttings from Jarman-1 Beagle Sub-Basin, W.A.	Kufpec Aust	1994
Jarman 1	DAR1099	Palynology Review of samples & slides from wells in the Beagle Sub-Basin.	Kufpec Aust	1994
Jarman 1	DAR1236	Rock Property + Seal Quality in the Beagle Sub-basin, WA.	IB Resources P/L	2000
Nebo 1	DAR1101	Palynology Review of Nebo-1 well Beagle Sub-Basin.	Kufpec Aust	1994
Nebo 1	DAR1236	Rock Property and Seal Quality in the Beagle Sub-basin, WA.	IB Resources P/L	2000
North Turtle 1	DAR0642	A petroleum geochemical analysis of six wells from the Canning Basin, WA.	Japan National Oil Corp	1987
North Turtle 1	DAR0643	A petroleum geochemical analysis of six offshore wells, Canning Basin, WA.	Japan National Oil Corp	1987
North Turtle 1	DAR0707	Gas Chromatography/Mass spectrometry data: Triassic extracts-NW shelf.	Japan National Oil Corp	1987
North Turtle 1	DAR0755	Beagle sub-basin Gazettal area - Seal potential sample study.	Bridge Oil Limited	1990
North Turtle 1	DAR0814	Bulk Fluid Inclusion Mass Spectrometry on cuttings from North Turtle 1.	Amoco Aust Pet Co	1991
North Turtle 1	DAR0833	Reconnaissance Palynology of the 1720 to 2348.5 interval, North Turtle 1.	Esso Australia Limited	1990
North Turtle 1	DAR0877	Palynological review of sections of three wells, Beagle Sub-basin.	Hadson Energy Ltd	1990
North Turtle 1	DAR0970	Preliminary palynofacies study of Jurassic sediments, Beagle Sub-basin.	Kufpec Aust Pty Ltd	1992
North Turtle 1	DAR0971	Geochemical evaluation of source rock oils from three wells Beagle Sub-basin.	Kufpec Aust Pty Ltd	1993
North Turtle 1	DAR1014	Carnarvon Basin Kerogen Kinetics Analysis - Data report.	Esso Australia Limited	1993
North Turtle 1	DAR1079	Palynology Restudy of Picard-1 and North Turtle-1, Beagle Sub-Basin.	Morgan and Associates	1990
North Turtle 1	DAR1081	Palynological Review of sections of Depuch-1, Picard-1, North Turtle-1.	Hadson Energy Ltd	1990
North Turtle 1	DAR1082	Reconnaissance Palynological Analysis of North Turtle-1.	Esso Australia Limited	1990
North Turtle 1	DAR1089	Palynological Infill Program.	Hadson Energy Ltd	1994
North Turtle 1	DAR1090	Geochemical Analysis of cuttings in North Turtle-1	Hadson Energy Ltd	1994
North Turtle 1	DAR1099	Palynology Review of samples & slides from wells in the Beagle Sub-Basin.	Kufpec Aust	1994
North Turtle 1	DAR1100	Hydrocarbon and Pore water migration within reservoir sands.	Kufpec Aust	1994
North Turtle 1	DAR1137	Hydrocarbon Characterisation Study.	Kufpec Aust	1995
North Turtle 1	DAR1236	Rock Property and Seal Quality in the Beagle Sub-basin, WA.	IB Resources P/L	2000
Picard 1	DAR0399	Mesozoic/Cainozoic seds & volcs from staired pass.Cont.margin off NW Aust.	Dept of Nat Dev	1979
Picard 1	DAR0417	Source rock data from the Perth, Carnarvon, Canning, Browse & Bonaparte Basins.	CSIRO	1980
Picard 1	DAR0520	Microscopical study of organic matter from 26 wells on the NW Shelf Aust.	Aust Elf Aquitaine	1984
Picard 1	DAR0552	Pyrolysis data on samples from wells in the Canning Basin, WA.	CRA Exploration Ltd	1984
Picard 1	DAR0647	Petroleum Geology & Geochemistry, Phase II (Part). Vol 1, Part 8, App.B.	Robertson Research (Aust)	1987

Picard 1	DAR0649	Petroleum Geology & Geochemistry, NW shelf, WA; Phase 2, Vol 2, part 6b.	Robertson Research (Aust) Pty	1986
Picard 1	DAR0661	Geochemical data for Northwest shelf wells, offshore WA/NT.	BP Australia Ltd	1987
Picard 1	DAR0686	Palynological age and Kerogen analysis on samples from Picard 1.	Esso Australia Limited	1988
Picard 1	DAR0755	Beagle sub-basin Gazettal area - Seal potential sample study.	Bridge Oil Limited	1990
Picard 1	DAR0808	Bulk Fluid Inclusion Mass Spectrometry on cuttings from Picard 1	Amoco Aust Pet Co	1991
Picard 1	DAR0877	Palynological review of sections of three wells, Beagle Sub-basin.	Hadson Energy Ltd	1990
Picard 1	DAR0970	Preliminary palynofacies study of Jurassic sediments, Beagle Sub-basin	Kufpec Aust Pty Ltd	1992
Picard 1	DAR0971	Geochemical evaluation of source rock oils from three wells Beagle Sub-basin.	Kufpec Aust Pty Ltd	1993
Picard 1	DAR1014	Carnarvon Basin Kerogen Kinetics Analysis - Data report.	Esso Australia Limited	1993
Picard 1	DAR1016	Thermal properties of samples from Gordon 1 Picard 1.	WA Geophysics and Env Resources	1993
Picard 1	DAR1079	Palynology Restudy of Picard-1 and North Turtle-1, Beagle Sub-Basin.	Morgan and Associates	1990
Picard 1	DAR1081	Palynological Review of sections of Depuch-1, Picard-1, North Turtle-1.	Hadson Energy Ltd	1990
Picard 1	DAR1098	Geochemical Study of samples from Depuch-1 and Picard-1.	Kufpec Aust	1994
Picard 1	DAR1099	Palynology Review of samples & slides from wells in the Beagle Sub-Basin.	Kufpec Aust	1994
Picard 1	DAR1100	Hydrocarbon and Pore water migration within reservoir sands.	Kufpec Aust	1994
Picard 1	DAR1236	Rock Property and Seal Quality in the Beagle Sub-basin, WA.	IB Resources P/L	2000
Poissonnier 1	DAR0520	Microscopical study of organic matter from 26 wells on the NW shelf Aust	Aust Elf Aquitaine	1984
Poissonnier 1	DAR0552	Pyrolysis data on samples from wells in the Canning Basin, WA.	CRA Exploration Ltd	1984
Poissonnier 1	DAR0649	Petroleum Geology & Geochemistry, NW shelf, WA; Phase 2, Vol 2, part 6b.	Robertson Research (Aust) Pty	1986
Poissonnier 1	DAR0809	Bulk Fluid Inclusion Mass Spectrometry on cuttings from Poissonnier 1.	Amoco Aust Pet Co	1991
Poissonnier 1	DAR1083	Source Rock and Palynofacies Report on Poissonnier-1.	Western Energy P/L	1978
Poissonnier 1	DAR1099	Palynology Review of samples & slides from wells in the Beagle Sub-Basin.	Kufpec Aust	1994
Poissonnier 1	DAR1177	Analysis of some Triassic source rocks and oil shows in and near WA-237P.	Hadson Beagle P/L	1993
Ronsard 1	DAR0552	Pyrolysis data on samples from wells in the Canning Basin, WA.	CRA Exploration Ltd	1984
Ronsard 1	DAR0649	Petroleum Geology & Geochemistry, NW shelf, WA; Phase 2, Vol 2, part 6b.	Robertson Research (Aust) Pty	1986
Ronsard 1	DAR0661	Geochemical data for Northwest Shelf wells, offshore WA/NT.	BP Australia Ltd	1987
Ronsard 1	DAR0810	Bulk Fluid Inclusion Mass Spectrometry on cuttings from Ronsard 1 well.	Amoco Aust Pet Co	1991

Ronsard 1	DAR1014	Carnarvon Basin Kerogen Kinetics Analysis - Data report.	Esso Australia Limited	1993
Sable 1	DAR0417	Source rock data from the Perth, Carnarvon, Canning, Browse & Bonaparte Basins.	CSIRO	1980
Sable 1	DAR0661	Geochemical data for Northwest Shelf wells, offshore WA/NT.	BP Australia Ltd	1987
Sable 1	DAR0811	Bulk Fluid Inclusion Mass Spectrometry on cuttings from Sable 1.	Amoco Aust Pet Co	1991
Sable 1	DAR1236	Rock Property and Seal Quality in the Beagle Sub-basin, WA.	IB Resources P/L	2000
Trafalgar 1	DAR1099	Palynology Review of samples & slides from wells in the Beagle Sub-Basin.	Kufpec Aust	1994
Trafalgar 1	DAR1236	Rock Property and Seal Quality in the Beagle Sub-basin, WA.	IB Resources P/L	2000

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

SAMPLES

Cores and Cuttings - W07-18 to W07-21, Beagle Sub-basin, Carnarvon Basin

Well	Type	Top (m)	Bottom (m)	Comment
Aurora 1	Cuttings	470	3020	Washed and dried samples
Bligh 1	Cuttings	762	3205	
Bounty 1	Cuttings	220	3591	
Bounty 1	Cuttings	220	3519	Unwashed samples
Bounty 2	Cuttings	2220	3811	
Bounty 2 ST1	Cuttings	2484	3807	
Bruce 1	Core	1707	1711.85	Continuous core
Bruce 1	Cuttings	330	2169	
Bruce 1	Cuttings	335	440	Canned headspace gas samples converted to drill cuttings
Calypso 1	Cuttings	195	2843	
Cimba 1	Cuttings	480	2600	
Cossigny 1	Cuttings	432.92	3204.26	Paleo samples P61 also.
Darwin 1	Cuttings	590	2723	
De Grey 1	Core	2080.18	2088.41	Continuous core.
De Grey 1	Cuttings	442.07	2012.19	Paleo samples P29,P70,P115 also.
Delambre 1	Cuttings	1250	5495	Washed samples
Delambre 1	Cuttings	2200	5495	Unwashed samples P581.
Depuch 1	Cuttings	486	3725	
Depuch 1	Cuttings	486	4300	Paleo samples P35.
Ermine 1	Cuttings	1900	2710	
Exeter 1	Cuttings	920	2312	
Exeter 2	Cuttings	915	3245	
Finucane 1	Cuttings	460	3300	
Finucane 1	Cuttings	460	3300	Unwashed samples - duplicate set P555
Finucane 1	Cuttings	2521	3245	Canned headspace gas samples converted to drill cuttings
Grey Rabbit 1	Cuttings	1810	2518	
Halo 1	Core	2818	2836	
Halo 1	Cuttings	525	3000	
Huascaran 1	Cuttings	1712	2970	
Jarman 1	Cuttings	445	2905	
Jarman 1	Cuttings	445	2906	
Manaslu 1	Cuttings	1880	2530	
Mutineer 1B	Core	3121.5	3147.88	
Mutineer 1B	Cuttings	977	3397	
Mutineer 2	Cuttings	926	3249	
Mutineer 3	Core	3143	3174	
Mutineer 3	Cuttings	916	3320	
Nebo 1	Cuttings	520	3132	
North Turtle 1	Cuttings	795	4420	Washed samples.
Picard 1	Core	2325.3	4217.07	Continuous core.
Picard 1	Cuttings	464.63	4216.46	
Poissonnier 1	Core	1955	1962	Continuous core
Poissonnier 1	Cuttings	890	1960	
Ronsard 1	Core	2843	2847.6	Continuous core
Ronsard 1	Cuttings	485	2840	
Sable 1	Cuttings	466.46	3972.56	

Sable 1	Cuttings	2378.04	3963.41	
Tayra 1	Cuttings	1930	2907	
Trafalgar 1	Core	2495	2500.9	Continuous core
Trafalgar 1	Cuttings	465	2743	
Wigmore 1	Cuttings	2122	5394	

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 – W07-16 and W07-17, Beagle Sub-basin

Release Area	Vintage	Survey	Operator	GA Unique No	Processed	Field
W07-18	1995	1995 Argo Marine Seismic	Santos Limited	S6950020	Yes	Yes
W07-18	1994	AGSO Marine Survey 136; Carnarvon Tertiary Tie M.S.S.	AGSO	S6940033	Yes	Yes
W07-18	1994	AGSO Marine Survey 136; Carnarvon Tertiary Tie M.S.S.	AGSO	S6940033	Yes	Yes
W07-18	1990	AGSO Marine Survey 95; Canning/Exmouth	AGSO	S6900039	Yes	Yes
W07-18	1990	AGSO Survey 110; Barrow/Dampier M.S.S.	AGSO	S6900062	Yes	Yes
W07-18	1990	AGSO Survey 110; Barrow/Dampier M.S.S.	AGSO	S6900062	Yes	Yes
W07-18	1998	Beagle Deep Multi-Client	Nopec	S6980019	Yes	Yes
W07-18	1983	Boronia Marine Seismic	Marathon Petroleum Australia	S6830013	Yes	Yes
W07-18	1980	Dampier Project 80A-80D, 80X	Woodside Oil NL	S6800032	No	Yes
W07-18	1980	Dampier Project 80A-80D, 80X	Woodside Oil NL	S6800050-53	No	Yes
W07-18	1975	Dampier-Beagle Marine Seismic	Barkley Oil Co	S6750005	No	Yes
W07-18	1976	GSI Scientific 10SL Marine Seismic	GSI	S6760001	Yes	Yes
W07-18	1990	Gumnut Marine Seismic	Marathon Petroleum Australia	S6900004	Yes	Yes
W07-18	1977	Haycock-Laminaria Marine Seismic	Woodside Oil NL	S0770002	Yes	Yes
W07-18	1978	Hermite-Barton Marine Seismic	Woodside Oil NL	S0780015	No	Yes
W07-18	1982	Marathon Angel 1982 Marine Seismic	Marathon Petroleum	S6820014	Yes	Yes
W07-18	1993	Michelle Marine Seismic	Phillips Aust Oil Co	S6930060	Yes	Yes
W07-18	1972	Montbello-Turtle Seismic	Woodside Oil NL	S6720066	No	Yes
W07-18	1965	Montbello-Mermaid Shoal Seismic	Burmah Oil Co of Australia	S0650069	No	No
W07-18	1993	Outer Beagle Marine Seismic	Mobil Exploration and Prod Aust	S6930064	Yes	Yes
W07-18	1971	Rankin Trend Seismic	Burmah Oil Co of Australia	S6710048	No	Yes
W07-18	1999	Remus 2D Marine Seismic	Woodside Energy Ltd	S6990024	Yes	Yes
W07-18	1997	Reynard 1997 Marine Seismic	Woodside Offshore Petroleum	S6970018	Yes	Yes
W07-18	1979	Rowley Marine Seismic	Getty Oil Dev Co Ltd	S6790019	No	Yes

W07-18	1983	Scientific Investigation 15SL Marine Seismic	GSI	S6830007	Yes	Yes
W07-18	1991	SPA 2SL/91-2 and Extension 1SL/92 2D (RP92)	Halliburton GSI	S6910021	No	Yes
W07-18	1994	SPA 2SL/94-95 Dampier Well Tie Marine Seismic (GPDB95)	Geco-Prakla	S6940027	Yes	No
W07-18	1998	SPA 3SL/97-8 Marine Seismic (Deepwater Canning)	GHD Gardline	S6980008	Yes	Yes
W07-18	1973	Steamboat Spit Marine Seismic	Burmah Oil Co of Australia	S6730045	No	Yes
W07-18	1976	Tessa-Troubadour Marine Seismic & Magnetic	Barkley Oil Co	S0750001	Yes	Yes
W07-18	1971	Trimouille -Dillon Seismic	Woodside Oil NL	S0700120	Yes	Yes
W07-18	1980	Victoria Detailed Marine Seismic	Otter Exploration NL	S6800004	No	Yes
W07-18	1978	Victoria Marine Seismic	Otter Exploration NL	S6780014	No	Yes
W07-18	1979	Woodbine-Victoria Projects 79	Woodside Oil NL	S6790018-38	No	Yes
W07-19	1994	AGSO Marine Survey 136; Carnarvon Tertiary Tie M.S.S.	AGSO	S6940033	Yes	Yes
W07-19	1994	AGSO Marine Survey 136; Carnarvon Tertiary Tie M.S.S.	AGSO	S6940033	Yes	Yes
W07-19	1990	AGSO Survey 110; Barrow/Dampier M.S.S.	AGSO	S6900062	Yes	Yes
W07-19	1990	AGSO Survey 110; Barrow/Dampier M.S.S.	AGSO	S6900062	Yes	Yes
W07-19	1993	AGSO Survey Marine 120; Southern North West Shelf	AGSO	S6930072	Yes	Yes
W07-19	1993	AGSO Survey Marine 120; Southern North West Shelf	AGSO	S6930072	Yes	Yes
W07-19	1986	B86A Marine Seismic	BHP Petroleum	S6860014	Yes	Yes
W07-19	1986	B86A Marine Seismic	BHP Petroleum	S6860014	Yes	Yes
W07-19	1998	Beagle Deep Multi-Client	Nopec	S6980019	Yes	Yes
W07-19	1987	Benfro Marine Seismic	Lasmo Energy Ausst	S6870003	Yes	Yes
W07-19	1978	Cape Cossigny Marine Seismic	Western Mining Corp	S6780004	No	Yes
W07-19	1995	Cossigny Marine Seismic	Discovery Petroleum NL	S6950003	Yes	Yes
W07-19	1975	Dampier-Beagle Marine Seismic	Barkley Oil Co	S6750005	No	Yes
W07-19	1985	Erica Marine Seismic	Lasmo Energy Ausst	S6850007	No	Yes
W07-19	1976	GSI Scientific 10SL Marine Seismic	GSI	S6760001	Yes	Yes
W07-19	1986	Honorine Marine Seismic	Lasmo Energy Ausst	S6860006	Yes	Yes
W07-19	1989	Katrina Marine Seismic	Ampol Explor Ptd	S6890016	Yes	Yes
W07-19	1973	Kendrew-Cootamundra Marine Seismic	Barkley Oil Co	S6730010	Yes	Yes
W07-19	1986	Laurice Marine Seismic	Ampol Explor Ptd	S6860018	Yes	Yes
W07-19	1992	Mahakam Marine Seismic	Kufpec Aust	S6920003	No	Yes

W07-19	1982	Marathon Angel 1982 Marine Seismic	Marathon Petroleum	S6820014	Yes	Yes
W07-19	1993	Mohaku 1993 Seismic	Kufpec Aust	S6950065	Yes	Yes
W07-19	1972	Montbello-Turtle Seismic	Woodside Oil NL	S6720066	No	Yes
W07-19	1965	Montebello-Mermaid Shoal Seismic	Burmah Oil Co of Australia	S0650069	No	No
W07-19	1993	Outer Beagle Marine Seismic	Mobil Exploration and Prod Aust	S6930064	Yes	Yes
W07-19	1982	Project 82A to 82F of 2DW Marine Seismic	Woodside Oil NL	Numerous	No	Yes
W07-19	1971	Rankin Trend Seismic	Burmah Oil Co of Australia	S6710048	No	Yes
W07-19	1999	Remus 2D Marine Seismic	Woodside Energy Ltd	S6990024	Yes	Yes
W07-19	1997	Reynard 1997 Marine Seismic	Woodside Offshore Petroleum	S6970018	Yes	Yes
W07-19	1979	Rowley Marine Seismic	Getty Oil Dev Co Ltd	S6790019	No	Yes
W07-19	1985	Scientific Investigation 18SL Marine Seismic	GSI	S6850010	Yes	Yes
W07-19	1983	Scientific Investigation 15SL Marine Seismic	GSI	S6830007	Yes	Yes
W07-19	1967	Scott-Cartier Marine Seismic	Burmah Oil Co of Australia	S0670078	No	Yes
W07-19	1998	SPA 3SL/97-8 Marine Seismic (Deepwater Canning)	GHD Gardline	S6980008	Yes	Yes
W07-19	1973	Steamboat Spit Marine Seismic	Burmah Oil Co of Australia	S6730045	No	Yes
W07-19	1976	Tessa-Troubadour Marine Seismic & Magnetic	Barkley Oil Co	S0750001	Yes	Yes
W07-19	1971	Trimouille -Dillon Seismic	Woodside Oil NL	S0700120	Yes	Yes
W07-20	1969	Adele-Scott Seismic	Burmah Oil Co	S0690083	No	Yes
W07-20	1994	AGSO Marine Survey 136; Carnarvon Tertiary Tie M.S.S.	AGSO	S6940033	Yes	Yes
W07-20	1994	AGSO Marine Survey 136; Carnarvon Tertiary Tie M.S.S.	AGSO	S6940033	Yes	Yes
W07-20	1990	AGSO Survey 110; Barrow/Dampier M.S.S.	AGSO	S6900062	Yes	Yes
W07-20	1990	AGSO Survey 110; Barrow/Dampier M.S.S.	AGSO	S6900062	Yes	Yes
W07-20	1999	Arachnid 2D Marine Seismic	Woodside Energy Ltd	S6990008	Yes	Yes
W07-20	1986	B86A Marine Seismic	BHP Petroleum	S6860014	Yes	Yes
W07-20	1986	B86A Marine Seismic	BHP Petroleum	S6860014	Yes	Yes
W07-20	1998	Beagle Deep Multi-Client	Nopec	S6980019	Yes	Yes
W07-20	1987	Benfro Marine Seismic	Lasmo Energy Aust	S6870003	Yes	Yes

W07-20	1992	C92A Marine Seismic	Esso Exploration and Prod Aust	S6920016	Yes	Yes
W07-20	1978	Cape Cossigny Marine Seismic	Western Mining Corp	S6780004	No	Yes
W07-20	1995	Cossigny Marine Seismic	Discovery Petroleum NL	S6950003	Yes	Yes
W07-20	1975	Dampier-Beagle Marine Seismic	Barkley Oil Co	S6750005	No	Yes
W07-20	1993	H93B Marine Seismic	Hadson Beagle P/L	S6930020	Yes	Yes
W07-20	1986	Honorine Marine Seismic	Lasmo Energy Aust	S6860006	Yes	Yes
W07-20	1973	Kendrew-Cootamundra Marine Seismic	Barkley Oil Co	S6730010	Yes	Yes
W07-20	1969	Legendre-Marie Marine Seismic	Burmah Oil Co of Australia	S0690066	Yes	Yes
W07-20	1992	Mahakam Marine Seismic	Kufpec Aust	S6920003	No	Yes
W07-20	1993	Mohaku 1993 Seismic	Kufpec Aust	S6950065	Yes	Yes
W07-20	1972	Montbello-Turtle Seismic	Woodside Oil NL	S6720066	No	Yes
W07-20	1965	Montebello-Mermaid Shoal Seismic	Burmah Oil Co of Australia	S0650069	No	No
W07-20	1968	Offshore Canning-Seringapatam Seismic	Burmah Oil Co of Australia	S6680064	Yes	Yes
W07-20	1993	Outer Beagle Marine Seismic	Mobil Exploration and Prod Aust	S6930064	Yes	Yes
W07-20	1971	Rankin Trend Seismic	Burmah Oil Co of Australia	S6710048	No	Yes
W07-20	1979	Rowley Marine Seismic	Getty Oil Dev Co Ltd	S6790019	No	Yes
W07-20	1983	Scientific Investigation 15SL Marine Seismic	GSI	S6830007	Yes	Yes
W07-20	1967	Scott-Cartier Marine Seismic	Burmah Oil Co of Australia	S0670078	No	Yes
W07-20	1980	Seabird Marine Seismic - Check	Haoma Gold Mines	S6800027	No	Yes
W07-20	1998	SPA 3SL/97-8 Marine Seismic (Deepwater Canning)	GHD Gardline	S6980008	Yes	Yes
W07-20	1987	SPA 4SL/1986 Marine Seismic	Japan National Oil Corp	S6860021	Yes	Yes
W07-20	1973	Steamboat Spit Marine Seismic	Burmah Oil Co of Australia	S6730045	No	Yes
W07-20	1976	Tessa-Troubadour Marine Seismic & Magnetic	Barkley Oil Co	S0750001	Yes	Yes
W07-20	1971	Trimouille -Dillon Seismic	Woodside Oil NL	S0700120	Yes	Yes
W07-20	1970	Tryal-Evams Seismic	Western Geophysical	S6700072	Yes	Yes

W07-20	1981	WA-137-P 1981 Marine Seismic	BP Petroleum Dev Australia	S6810034	Yes	yes
W07-21	1984	1985 De Grey Marine Seismic	Lasmo Energy Aust	S6840011	No	Yes
W07-21	1995	1995 Argo Marine Seismic	Santos Limited	S6950020	Yes	Yes
W07-21	1969	Adele-Scott Seismic	Burmah Oil Co	S0690083	No	Yes
W07-21	1991	AGSO Marine Survey 101;Southern Carnarvon.	AGSO	S6910031	Yes	Yes
W07-21	1994	AGSO Marine Survey 136;Carnarvon Tertiary Tie M.S.S.	AGSO	S6940033	Yes	Yes
W07-21	1994	AGSO Marine Survey 136;Carnarvon Tertiary Tie M.S.S.	AGSO	S6940033	Yes	Yes
W07-21	1990	AGSO Survey 110;Barrow/Dampier M.S.S.	AGSO	S6900062	Yes	Yes
W07-21	1990	AGSO Survey 110;Barrow/Dampier M.S.S.	AGSO	S6900062	Yes	Yes
W07-21	1986	B86A Marine Seismic	BHP Petroleum	S6860014	Yes	Yes
W07-21	1986	B86A Marine Seismic	BHP Petroleum	S6860014	Yes	Yes
W07-21	1987	Benfro Marine Seismic	Lasmo Energy Ausst	S6870003	Yes	Yes
W07-21	1983	Boronia Marine Seismic	Marathon Petroleum Australia	S6830013	Yes	Yes
W07-21	1978	Cape Cossigny Marine Seismic	Western Mining Corp	S6780004	No	Yes
W07-21	1973	De Grey Nose Seismic	Burmah Oil Co of Australia	S6730044	Yes	Yes
W07-21	1985	Dolphin Marine Seismic	Marathon Petroleum Australia	S6850005	Yes	Yes
W07-21	1986	Echidna Marine Seismic	Marathon Petroleum Australia	S6860007	Yes	Yes
W07-21	1985	Erica Marine Seismic	Lasmo Energy Ausst	S6850007	No	Yes
W07-21	1988	Firetail Marine Seismic	Marathon Petroleum Australia	S6880047	Yes	Yes
W07-21	1976	GSI Scientific 10SL Marine Seismic	GSI	S6760001	Yes	Yes
W07-21	1990	Gumnut Marine Seismic	Marathon Petroleum Australia	S6900004	Yes	Yes
W07-21	1986	Honorine Marine Seismic	Lasmo Energy Ausst	S6860006	Yes	Yes
W07-21	1980	Irwin Marine Seismic	Western Mining Corp	S6800006	No	Yes
W07-21	1989	Katrina Marine Seismic	Ampol Explor Ptd	S6890016	Yes	Yes
W07-21	1973	Kendrew-Cootamundra Marine Seismic	Barkley Oil Co	S6730010	Yes	Yes
W07-21	1986	Laurice Marine Seismic	Ampol Explor Ptd	S6860018	Yes	Yes

W07-21	1969	Legendre-Marie Marine Seismic	Burmah Oil Co of Australia	S0690066	Yes	Yes
W07-21	1992	Mahakam Marine Seismic	Kufpec Aust	S6920003	No	Yes
W07-21	1972	Malus Hedland Marine Seismic	Burmah Oil Co of Australia	S6720082	Yes	Yes
W07-21	1982	Marathon Angel 1982 Marine Seismic	Marathon Petroleum	S6820014	Yes	Yes
W07-21	1993	Mohaku 1993 Seismic	Kufpec Aust	S6950065	Yes	Yes
W07-21	1972	Montbello-Turtle Seismic	Woodside Oil NL	S6720066	No	Yes
W07-21	1965	Montebello-Mermaid Shoal Seismic	Burmah Oil Co of Australia	S0650069	No	No
W07-21	1968	Offshore Canning-Seringapatam Seismic	Burmah Oil Co of Australia	S6680064	Yes	Yes
W07-21	1991	Rachel Marine Seismic	Ampol Explor Ltd	S6910002	Yes	Yes
W07-21	1971	Rankin Trend Seismic	Burmah Oil Co of Australia	S6710048	No	Yes
W07-21	1999	Remus 2D Marine Seismic	Woodside Energy Ltd	S6990024	Yes	Yes
W07-21	1997	Reynard 1997 Marine Seismic	Woodside Offshore Petroleum	S6970018	Yes	Yes
W07-21	1979	Robinson Marine Seismic	Western Mining Corp	S6790010	No	Yes
W07-21	1985	Scientific Investigation 18SL Marine Seismic	GSI	S6850010	Yes	Yes
W07-21	1967	Scott-Cartier Marine Seismic	Burmah Oil Co of Australia	S0670078	No	Yes
W07-21	1994	SPA 2SL/94-95 Dampier Well Tie Marine Seismic (GPDB95)	Geco-Prakla	S6940027	Yes	No
W07-21	1992	SPA East Dampier 9SL/92-3 Marine Seismic	Aust Seismic Brokers	S6920028	Yes	Yes
W07-21	1973	Steamboat Spit Marine Seismic	Burmah Oil Co of Australia	S6730045	No	Yes
W07-21	1971	Trimouille -Dillon Seismic	Woodside Oil NL	S0700120	Yes	Yes
W07-21	1981	WA-58-P 1981 Marine Seismic	Hudbay Oil (Aust) ltd	S6810010	No	Yes

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 – W07-18 to W07-21, Beagle Sub-basin, Carnarvon Basin.

- Interpretations of Geoscience Australia's regional seismic data, Survey 101, 110 and 128 (2001) – digital horizon and fault data in ASCII format. GA Catalog No. 35240, 35242 and 35247.
- Line drawings of Geoscience Australia's regional seismic profiles, offshore northern and northwestern Australia. GA Catalog No. 36353.
- Northern Carnarvon Basin high-resolution seismic survey CTT-136, and Interpretation Report. GA Record 1996/36.
- Source rock time-slice maps (TOC, HI, VR), offshore Northwest Australia - 1:3,000,000 scale. GA Catalog No. 61179.
- Characterisation of Natural Gases from West Australian Basins: Carnarvon Basin Module. GA and Geotechnical Services Non-exclusive Study, 2000.
- Oils of Western Australia: Regional Petroleum Geochemistry and correlation of crude oils. GA and GeoMark Research, 1996.
- Oils of Western Australia II: Regional Petroleum Geochemistry and correlation of crude oils and condensates from Western Australia and Papua New Guinea. GA and GeoMark Research, 2005.
- Northwestern and Northern Australian margins stratigraphic chart showing GA's interpreted regional seismic horizons, 2001. GA Catalog No. 36454.
- Basin Biozonation and Stratigraphy charts for the Southern and Northern Carnarvon Basins, Charts 4 and 11, 1998.

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

Relevant Industry Data

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

OTHER DIGITAL DATA

AM SIS

The Australian Marine Spatial Information System (AM SIS), 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.

AM SIS 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. AM SIS 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.

AM SIS can be found on the web at: www.ga.gov.au/am sis

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 PETROLUUM 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. Beagle Sub-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**