



East Dampier 2007 PSTM Reprocessing

General

Exploration of the Beagle sub-basin, East Dampier, began in 1965 with regional seismic , gravity and magnetic surveys. Subsequent exploration drilling tested Triassic-Jurassic fault blocks, Triassic-Jurassic anticlines and fault controlled structures down dip of the main basin-margin fault. To date 25 wells have been drilled in the Beagle sub-basin and has had hydrocarbon shows in the, North Turtle, Depuch, Huascarán, Picard, Halo and Nebo wells. To date the Nebo-1 well has been deemed the most successful having encountered 6m of net pay over a gross section of 33m in the Callovian Calypso formation (with 17-26% porosity) the well flowed 42 deg API oil at 1840 BPD on a ½ inch choke when tested in 1993.

Exploration Permits

This project covers the W07-16 & 17 blocks, that are due to close in October 2007 and the 4 blocks W07-18, 19, 20 & 21 that lie to the east in the Beagle sub-basin that close in April 2008. Data consists of nearly 6,000 km of 2D data that was acquired in the early 90's and tie most of the wells in the region. The data processing sequence and parameters are focused on preserving amplitude and AVO information as well as improving structural and stratigraphic imaging.

Data Deliverables & Rates

Final filtered/Scaled/migrated PSTM inverse-Q – SEG Y data on DVD
Navigation data in UKOOA – WGS84
Velocities in ASCII format

- Full survey purchase – US\$25 / KM
- Partial survey purchase – US\$30 / KM

Options

- Angle stacks – US\$2 / Angle / KM
- Data loading – Kingdom Suite, Geoframe US\$1 / KM – applies to each full stack and each angle.

Data Processing sequence

The data processing flow includes SRME, Radon De-multiple and PSTM

Line Listing

LINE	FSP	LSP	KMS		LINE	FSP	LSP	KMS
PG93-1016	867	3353	46.6		K92-657	1001	1713	17.8
PG93-1017	867	3681	52.8		K92-659	1001	1556	13.9
PG93-1018	1001	3269	42.5		K92-671	1001	2476	36.9
PG93-1020	867	3242	44.5		K92-673	1001	1958	23.9
PG93-1021	1133	4096	55.6		K92-675	1001	1921	23.0
PG93-1022	1001	4123	58.5		K92-682	1001	3913	54.6
PG93-1023	867	4427	66.8		K92-686	1001	2969	49.2
PG93-1028	901	3242	43.9		K92-694	1001	2673	41.8
PG93-1035	1001	3376	44.5		K92-698	1001	2318	32.9
PG93-1036	1001	4870	72.5		K92-699	1001	3026	38.0
PG93-1040	1001	4656	68.5		H93B- 3	101	1239	30.3
PG93-1041	867	4523	68.6		H93B- 10	35	3829	101.1
PG93-1045	867	3776	54.5		H93B- 11	35	2213	58.1
PG93-1048	1001	4442	64.5		H93B- 18	101	2063	52.3
PG93-1060	1001	4667	68.7		H93B- 19	101	2510	64.2
PG93-1062	1001	2842	34.5		H93B- 32	35	1890	49.5
K93-730	101	1310	32.2		H93B- 43	101	2814	72.3
K93-737	101	876	20.7		H93B- 46	101	2174	55.3
K93-741	101	1289	31.7		H93B- 55	35	2718	71.5
K93-742	101	1613	40.3		H93B- 59	101	2249	57.3
K93-750	101	1428	35.4		H93B- 60	35	1409	36.6
K93-757	101	2025	51.3		H93B- 74	35	2392	62.8
K93-761	101	1588	39.7		H93B- 86	101	2110	53.6
K93-776	101	1276	31.3		H93B-100	35	1626	42.4
93MWOB-101	101	1990	47.2		H93B-110	35	1630	42.5
93MWOB-103	101	2420	58.0		97R-3966	1001	3223	55.6
93MWOB-105	101	2350	56.2		97R-3967	1001	4010	75.2
93MWOB-107	101	2060	49.0		97R-3968	1001	4669	91.7
93MWOB-109	101	2570	61.7		97R-3971	1001	3710	67.7
93MWOB-113	101	2090	49.7		97R-3978	1001	1972	24.3
93MWOB-115	101	2250	53.7		97R-3979	1001	2481	37.0
93MWOB-117	101	2310	55.2		97R-3982	1001	2614	40.3
93MWOB-119	101	2160	51.5		97R-3984	1001	4121	78.0
93MWOB-121	101	2410	57.7		97R-3988	1001	4626	90.6
93MWOB-122	101	2890	69.7		97R-3990	1001	3087	52.2
93MWOB-128	101	5040	123.5		97R-3992	1001	3796	69.9
93MWOB-129	101	2550	49.0		97R-3995	1001	3992	74.8
93MWOB-135	101	2770	53.4		97R-3997	1001	4102	77.5
93MWOB-137	101	2810	54.2		97R-4012	1001	4292	82.3
93MWOB-138	101	5140	126.0		97R-4020	1001	4941	98.5
93MWOB-144	101	1860	35.2		97R-4026	1001	3695	67.4
93MWOB-144A	1347	5090	93.6		97R-4032	1001	4860	96.5
93MWOB-152	101	5060	124.0		97R-4040	1001	5086	102.1
93MWOB-156	101	5030	123.2		97R-4050	1001	7599	165.0
93MWOB-162	101	4540	111.0		97R-4056	1001	6898	147.4
93MWOB-166	101	3160	76.5		97R-4064	1001	3649	66.2
93MWOB-170	101	1730	40.7		97R-4072	1001	3486	62.1
K92-613	1001	2992	49.8		97R-4077	1001	3639	66.0
K92-628	1001	3652	49.7				TOTAL KM	5877.3
K92-649	1001	1943	17.7					

ASB

For further information regarding the project please contact:-

Charles Ramsden
Manager
112 Robinson Road
HB Robinson Building #10-1
Singapore 048622

Tel: +65 6836 9377
Fax: +65 6233 6800
Mobile:- +65 9637 0252
Email:- cr@cspl.net

John Boldock
Marketing Manager
AUSTRALIAN SEISMIC BROKERS
Unit 5, 171-175, Abernethy Road
Belmont WA, 6104

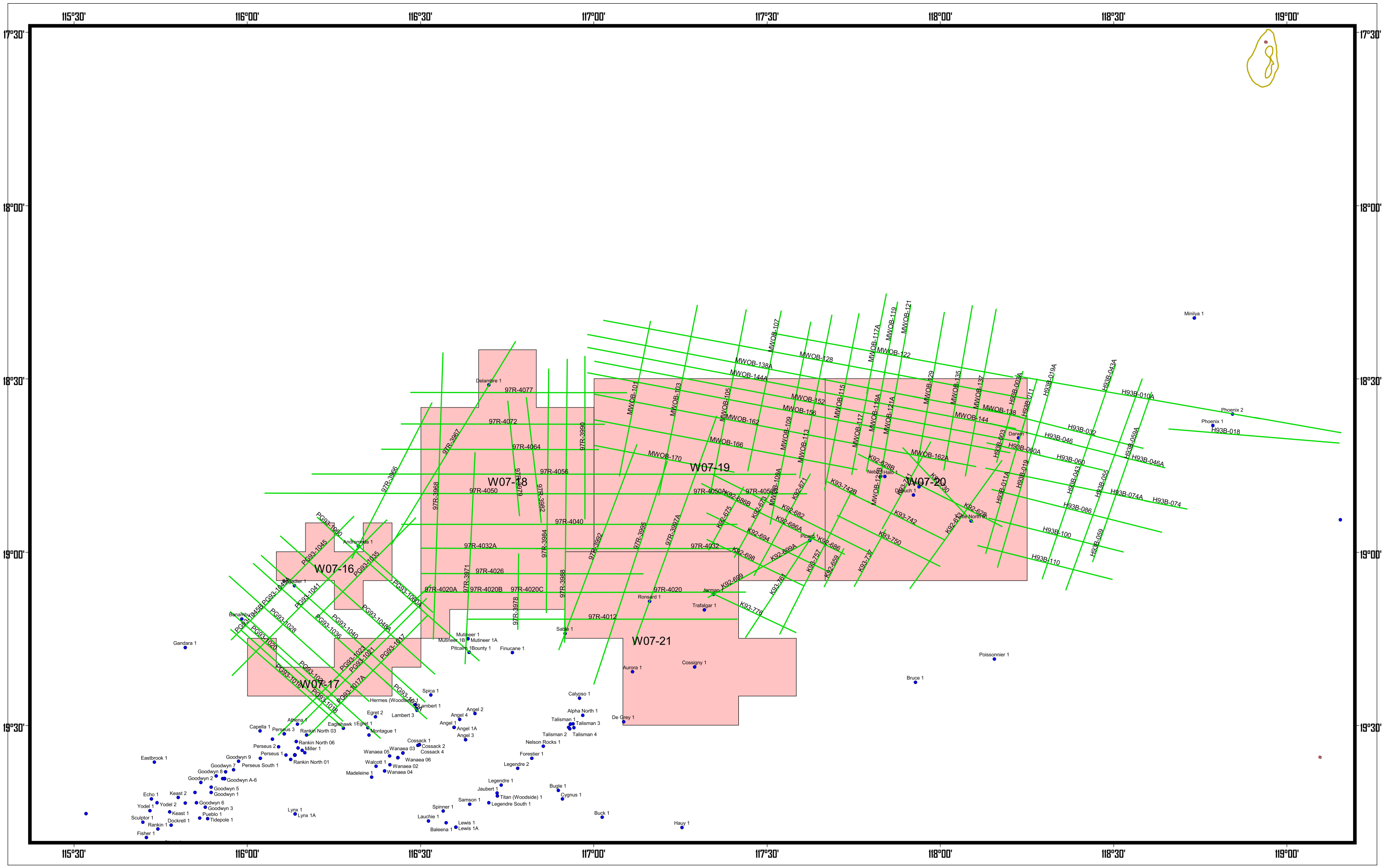
Tel: +61 8 9479 5900
Fax: +61 8 9479 5911
Mobil: 0409 479 725
Email : j.boldock@asb.com.au



For More Information

T: + 44 (0) 7971 073 198
F: + 44 (0) 116 271 1097

E: info@epsweb.com
W: www.epsweb.com
Skype: epsweb



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