

VERTICAL SEISMIC PROFILE

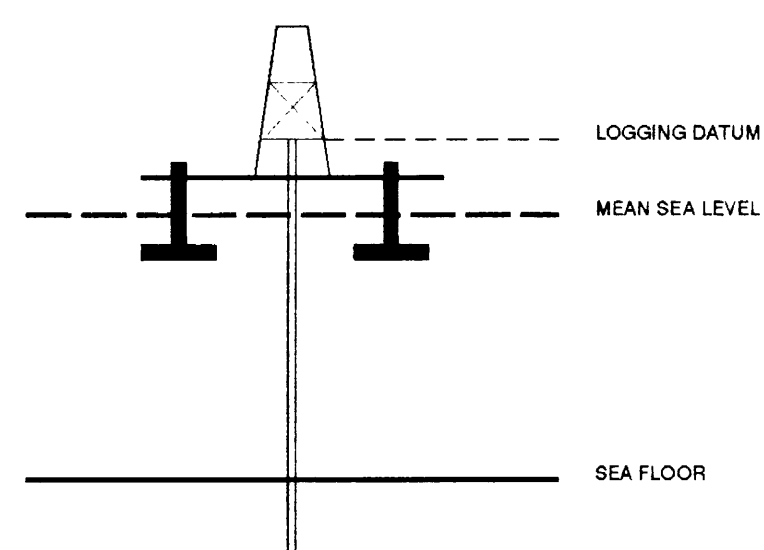


ZERO OFFSET VSP PLOT 8
REVERSE POLARITY
VSP AND GEGRAM COMPOSITE

Company: BHP PETROLEUM
Well: LA BELLA-1
Field: WILDCAT
Country: AUSTRALIA
Reference No: 560875 Interval: 2743.00 to 620.00
Date Logged: 11-FEB-1993 Date Processed: 17/2/92
Location: 39 00' 14.2" S 142 41' 42.9" E
Elevations: KB 25.30 DF: 25.00 GL: -95.00
Permanent Datum: MSL Depth Units: METRES

FIELD RECORDING Engineer: M HELWIG Location: Program Version: 580-325
COMPUTATION Analyst: Z.KATELIS Centre: SVJ Baseline: 20 2

ELEVATION ABOVE MEAN SEA LEVEL
Logging Datum: 25.00
Seismic Reference Datum: 0.00



Total Number of Levels: 110
Depth Reference: SRD
Time Reference: SRD

Run	Date	Tool Type	Bit Size/Depth	Casing Size/Depth	Top Depth	Bottom Depth
1	30-1-93	AS			1787	120
2	8-2-93	SOT			2375	1785.5

VSP Run	Date	Gun Offset	Hydro Offset	Gun Elevation	Hydro Elevation	Gun Azimuth	Hydro Azimuth
1	30-JAN-1993	47 M	47 M	10 M BELOW MSL	17 M BELOW MSL	50.0	50.0
2	11-FEB-1993	47 M	47 M	10 M BELOW MSL	17 M BELOW MSL	50.0	50.0

REMARKS

The well name, location and borehole reference data were furnished by the customer. All interpretations are opinions based on information from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any data or interpretations. We are not responsible for any loss or damage, including consequential loss or damage, incurred or sustained by anyone resulting from any interpretation made by any of our clients, agents or employees. These interpretations are also subject to Clause 4 of our General Terms and Conditions as set out in our current Price Schedule.

**** WAVESHAPING-AGC ****

ENHANCED UPGOING WAVEFIELD
PROCESSING SEQUENCE:

SCALE : 10 CM/SEC
POLARITY (S.E.G.) : REVERSE

**** CORRIDOR STACK-AGC ****

**** 25 HZ GEGRAM ****
ZERO PHASE

**** 35 HZ GEGRAM ****
ZERO PHASE

**** 45 HZ GEGRAM ****
ZERO PHASE

**** INVERTED IMPEDANCE ****

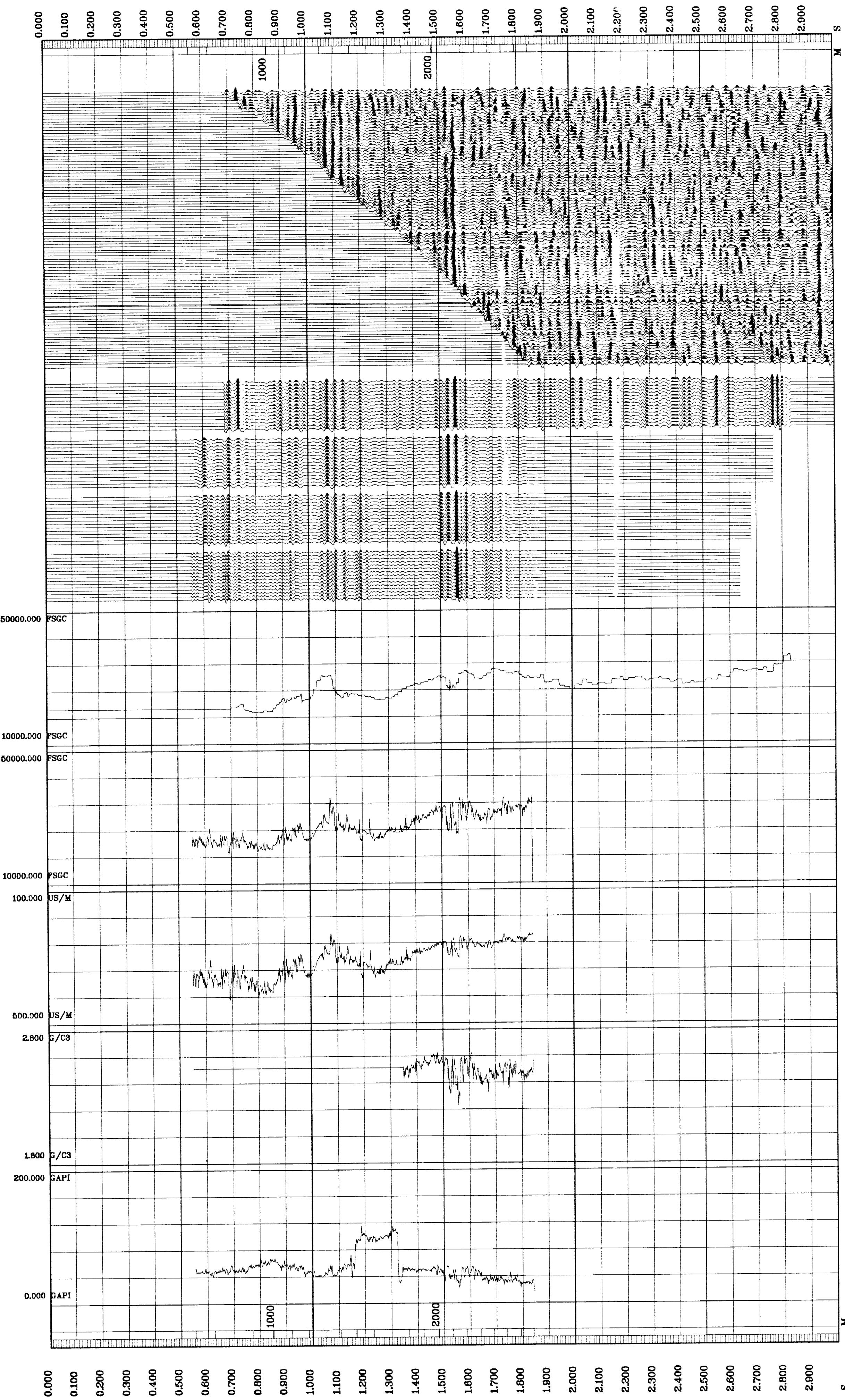
**** LOGGED IMPEDANCE ****

**** SONIC ****

**** DENSITY ****

**** GAMMA RAY ****

RAW DEPTH M	TRUE VERTICAL DEPTH MSL M	TRANSIT TIME S	LEVEL NO
890.0	775.0	0.340	98
910.0	815.0	0.350	97
930.0	855.0	0.360	96
950.0	895.0	0.370	95
970.0	935.0	0.380	94
990.0	975.0	0.390	93
1010.0	1015.0	0.400	92
1030.0	1055.0	0.410	91
1050.0	1095.0	0.420	90
1070.0	1135.0	0.430	89
1090.0	1175.0	0.440	88
1110.0	1215.0	0.450	87
1130.0	1255.0	0.460	86
1150.0	1295.0	0.470	85
1170.0	1335.0	0.480	84
1190.0	1375.0	0.490	83
1210.0	1415.0	0.500	82
1230.0	1455.0	0.510	81
1250.0	1495.0	0.520	80
1270.0	1535.0	0.530	79
1290.0	1575.0	0.540	78
1310.0	1615.0	0.550	77
1330.0	1655.0	0.560	76
1350.0	1695.0	0.570	75
1370.0	1735.0	0.580	74
1390.0	1775.0	0.590	73
1410.0	1815.0	0.600	72
1430.0	1855.0	0.610	71
1450.0	1895.0	0.620	70
1470.0	1935.0	0.630	69
1490.0	1975.0	0.640	68
1510.0	2015.0	0.650	67
1530.0	2055.0	0.660	66
1550.0	2095.0	0.670	65
1570.0	2135.0	0.680	64
1590.0	2175.0	0.690	63
1610.0	2215.0	0.700	62
1630.0	2255.0	0.710	61
1650.0	2295.0	0.720	60
1670.0	2335.0	0.730	59
1690.0	2375.0	0.740	58
1710.0	2415.0	0.750	57
1730.0	2455.0	0.760	56
1750.0	2495.0	0.770	55
1770.0	2535.0	0.780	54
1790.0	2575.0	0.790	53
1810.0	2615.0	0.800	52
1830.0	2655.0	0.810	51
1850.0	2695.0	0.820	50
1870.0	2735.0	0.830	49
1890.0	2775.0	0.840	48
1910.0	2815.0	0.850	47
1930.0	2855.0	0.860	46
1950.0	2895.0	0.870	45
1970.0	2935.0	0.880	44
1990.0	2975.0	0.890	43
2010.0	3015.0	0.900	42
2030.0	3055.0	0.910	41
2050.0	3095.0	0.920	40
2070.0	3135.0	0.930	39
2090.0	3175.0	0.940	38
2110.0	3215.0	0.950	37
2130.0	3255.0	0.960	36
2150.0	3295.0	0.970	35
2170.0	3335.0	0.980	34
2190.0	3375.0	0.990	33
2210.0	3415.0	1.000	32
2230.0	3455.0	1.010	31
2250.0	3495.0	1.020	30
2270.0	3535.0	1.030	29
2290.0	3575.0	1.040	28
2310.0	3615.0	1.050	27
2330.0	3655.0	1.060	26
2350.0	3695.0	1.070	25
2370.0	3735.0	1.080	24
2390.0	3775.0	1.090	23
2410.0	3815.0	1.100	22
2430.0	3855.0	1.110	21
2450.0	3895.0	1.120	20
2470.0	3935.0	1.130	19
2490.0	3975.0	1.140	18
2510.0	4015.0	1.150	17
2530.0	4055.0	1.160	16
2550.0	4095.0	1.170	15
2570.0	4135.0	1.180	14
2590.0	4175.0	1.190	13
2610.0	4215.0	1.200	12
2630.0	4255.0	1.210	11
2650.0	4295.0	1.220	10
2670.0	4335.0	1.230	9
2690.0	4375.0	1.240	8
2710.0	4415.0	1.250	7
2730.0	4455.0	1.260	6
2750.0	4495.0	1.270	5
2770.0	4535.0	1.280	4
2790.0	4575.0	1.290	3
2810.0	4615.0	1.300	2
2830.0	4655.0	1.310	1



COMPANY BHP PETROLEUM
FIELD WILDCAT
WELL LA BELLA-1
COUNTRY AUSTRALIA