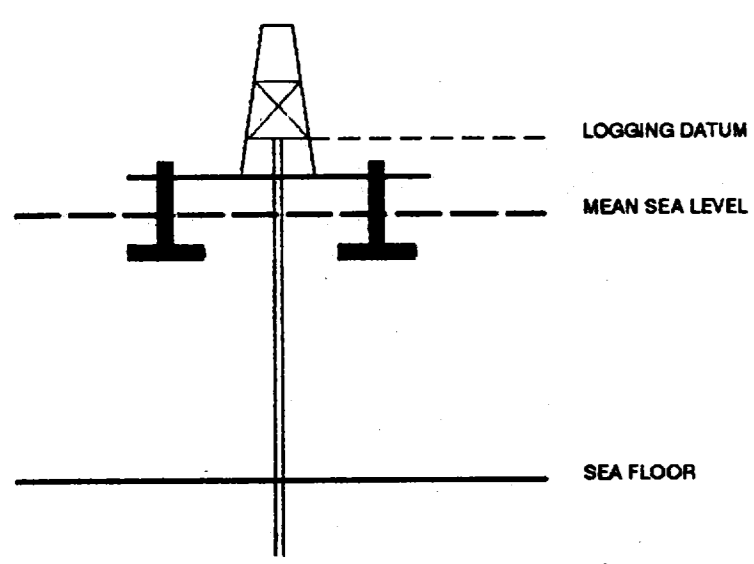


MELBOURNE LOG INTERPRETATION CENTRE

ZERO OFFSET VSP PLOT 2  
AMPLITUDE RECOVERY

Company: BHP PETROLEUM PTY. LTD.  
Well: CHAMPION-1  
Field: WILDCAT  
Country: AUSTRALIA  
Reference No: SYJ-561142/561143 Interval: 1845.00 to 1220.00  
Date Logged: 15 AUG. 1995 Date Processed: 17 AUG 1995  
Location: 038 32' 33.054" S 142 23' 18.066" E  
Elevations: KB: 25.30 DF: 25.00 GL: -54.00  
Permanent Datum: MSL Depth Units: METRES  
FIELD RECORDING: Engineer: R.JONSSON Location: Program Version: 700-427  
COMPUTATION: Analyst: S.TCHERKASHNEV Centre: SYJ Baseline: 20.6

ELEVATION ABOVE MEAN SEA LEVEL  
Logging Datum: 25.30  
Seismic Reference Datum: 0.00



Total Number of Levels: 45  
Depth Reference: SRD  
Time Reference: SRD

Run	Date	Tool Type	Bit Size/Depth	Casing Size/Depth	Top Depth	Bottom Depth
1	15-07-95	DLL	12.25 IN	13.3 IN/1216 M	1216 M	1866 M

VSP Run	Date	Gun Offset	Hydro Offset	Gun Elevation	Hydro Elevation	Gun Azimuth	Hydro Azimuth
1	15-07-95	45 M	45 M	5 M BELOW MSL	10 M BELOW MSL	90 DEG	90 DEG

All interpretations are optional based on information from electrical or other measurements and we cannot, and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, cost, damage or expense incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to changes of our General Terms and Conditions as published in our Client Price Schedule.

**\* AMPLITUDE RECOVERY \*  
VERTICAL COMPONENT.**

PROCESSING SEQUENCE:  
MEDIAN STACK APPLIED  
STATIC CORRECTION TO MSL: 6.56 MS  
BAND PASS FILTER : 5-100 HZ  
NORMALISATION GATE : 100 MS  
TIME VARYING GAIN : T/T0\*\*1.00

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

**\* AMPLITUDE RECOVERY \*  
VERTICAL COMPONENT.**

PROCESSING SEQUENCE:  
MEDIAN STACK APPLIED  
STATIC CORRECTION TO MSL: 6.56 MS  
BAND PASS FILTER : 5-100 HZ  
NORMALISATION GATE : 100 MS  
TIME VARYING GAIN : T/T0\*\*1.00

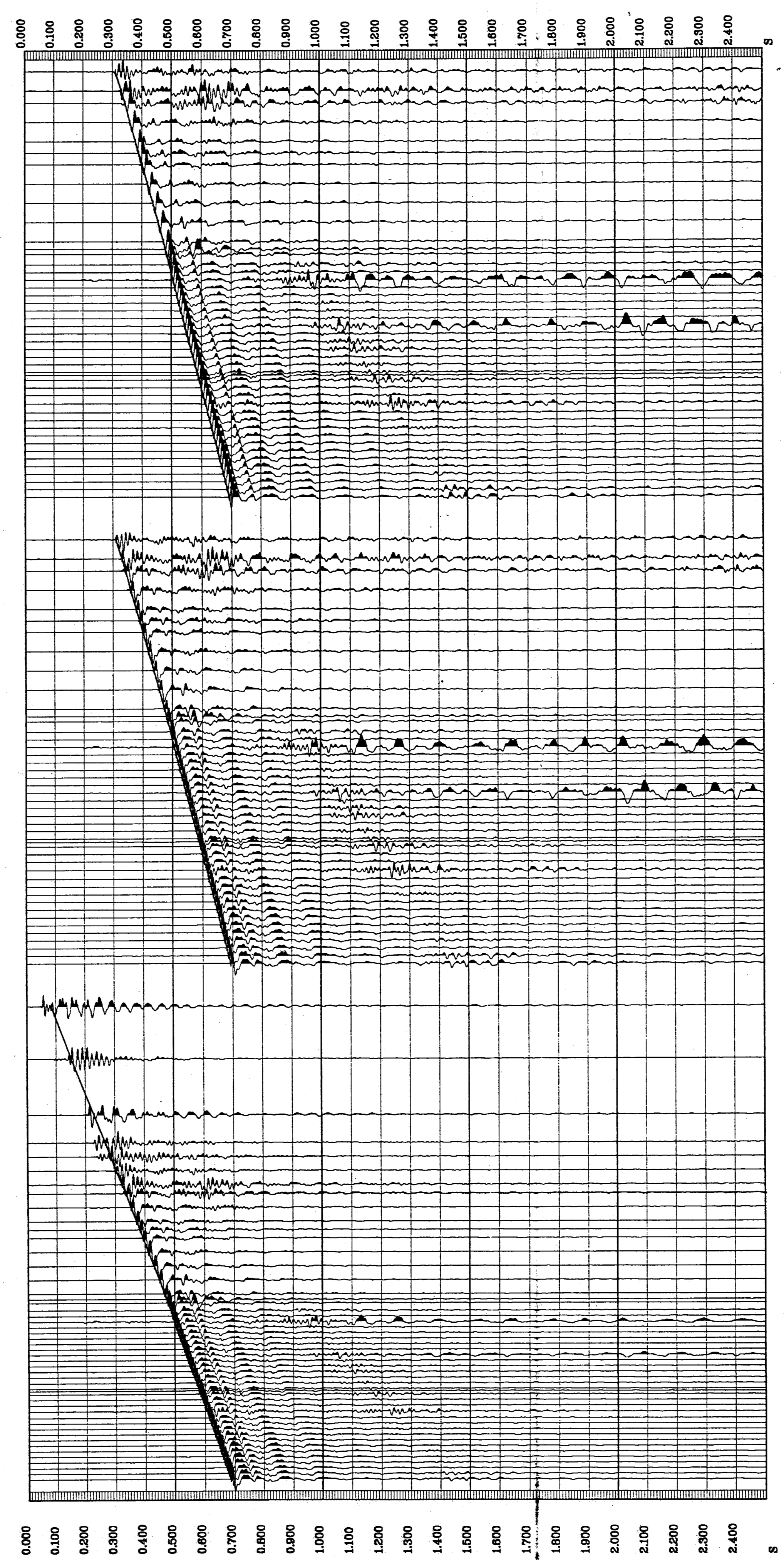
VERTICAL SCALE : 10 CM/SEC  
POLARITY (S.E.G.) : NORMAL

**\* STACKED DATA \*  
VERTICAL COMPONENT.**

PROCESSING SEQUENCE:  
MEDIAN COHERENCY STACK APPLIED  
NO STATIC CORRECTION APPLIED  
BANDPASS FILTER : 4 - 120 HZ

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

RAW DEPTH M	TRANSIT TIME S	LEVEL NO	MAX AMPLITUDE	MIN AMPLITUDE
736.0	0.312	48	105.96	-68.93
786.0	0.332	45	79.38	-85.33
836.0	0.345	44	101.06	-71.48
876.0	0.361	43	98.56	-77.83
926.0	0.381	42	110.99	-87.02
956.0	0.391	41	102.48	-85.81
986.0	0.408	40	105.84	-87.89
1026.0	0.420	39	99.78	-86.17
1066.0	0.439	38	99.83	-83.47
1136.0	0.468	37	89.88	-78.76
1186.0	0.474	36	101.49	-73.02
1213.0	0.480	34	100.80	-79.17
1240.0	0.484	33	101.45	-77.13
1266.0	0.500	32	89.50	-81.72
1290.0	0.506	31	106.33	-87.19
1310.0	0.513	30	107.43	-83.07
1320.0	0.519	29	105.71	-78.08
1340.0	0.525	28	106.81	-82.39
1360.0	0.539	27	103.73	-80.86
1400.0	0.560	24	102.54	-84.83
1430.0	0.566	23	102.50	-85.50
1440.0	0.568	22	111.54	-79.80
1450.0	0.570	21	102.50	-82.86
1460.0	0.572	20	102.50	-82.86
1480.0	0.580	19	102.50	-82.86
1500.0	0.587	18	102.50	-82.86
1540.0	0.603	17	106.19	-78.91
1560.0	0.609	16	102.50	-82.86
1580.0	0.617	15	102.50	-82.86
1600.0	0.622	14	111.88	-72.84
1620.0	0.629	13	102.50	-82.86
1640.0	0.636	12	102.50	-82.86
1660.0	0.642	11	102.50	-82.86
1680.0	0.649	10	102.50	-82.86
1720.0	0.668	9	102.50	-82.86
1740.0	0.674	8	102.50	-82.86
1760.0	0.680	7	102.50	-82.86
1780.0	0.687	6	102.50	-82.86
1800.0	0.691	5	102.50	-82.86
1820.0	0.697	4	102.50	-82.86
1845.0	0.694	1	89.32	80.87



COMPANY BHP PETROLEUM PTY. LTD.  
FIELD WILDCAT  
WELL CHAMPION-1  
COUNTRY AUSTRALIA

