

90/288

Schlumberger

SYDNEY LOG  
INTERPRETATION  
CENTRE

DEPT. NAT. RES. & ENV.  
PE905934

# VERTICAL SEISMIC PROFILE

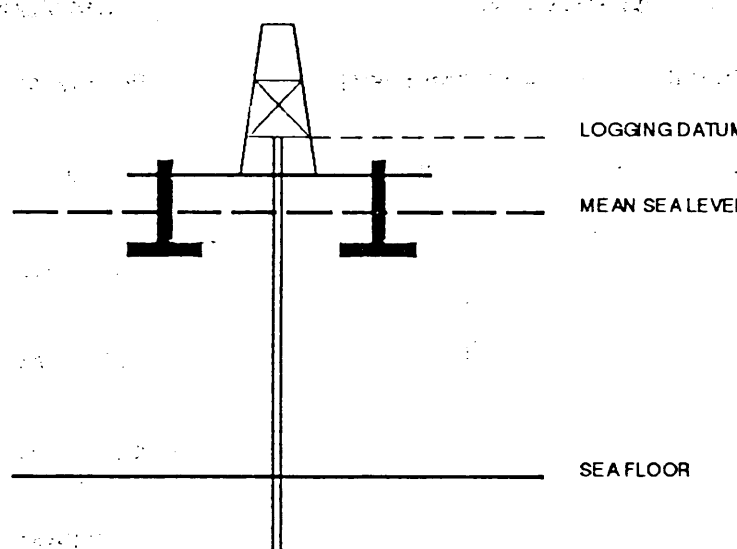
ZERO OFFSET VSP PLOT NO 6  
PREDICTIVE AND CORRIDOR STACK

Company: SHELL AUSTRALIA  
Well: DEVIL FISH #1  
Field: WLDGCAT  
Country: AUSTRALIA  
Reference No: 56578 Interval: 2030.00 to 0.00  
Date Logged: 22-APR-90 Date Processed: 2/5/90  
Location: 38 47'58.21"S 147 55'10.54"E  
Elevations: KB: 28.40 DF: 28.00 GL: -102.00  
Permanent Datum: MSL Depth Units: METRES

FIELD RECORDING: Engineer: G.SUTHERLAND Location: Program Version: 32.2  
COMPUTATION: Analyst: H.KURAGUCHI Centre: SYJ Baseline: 1611X0

ELEVATION ABOVE MEAN SEA LEVEL

Logging Datum: 28.40  
Seismic Reference Datum: 0.00



Total Number of Levels: 47  
Depth Reference: SRD  
Time Reference: SRD

Run	Date	Tool Type	Bit Size/Depth	Casing Size/Depth	Top Depth	Bottom Depth
1	22-04-90	WST	8 1/2" / 2058 MTR	9 5/8" / 091 MTR	300	2800

VSP Run	Date	Gun Offset	Hydro Offset	Gun Elevation	Hydro Elevation	Gun Azimuth	Hydro Azimuth
1	22-04-90	60.0 M	60.0 M	10 M BELOW MSL	15 M BELOW MSL	200.0	200.0

REMARKS

The well name, location and bottom reference data were furnished by the customer.

CLIENT = SHELL  
FIELD = WLDGCAT  
WELL = DEVILFISH

FOLD HERE

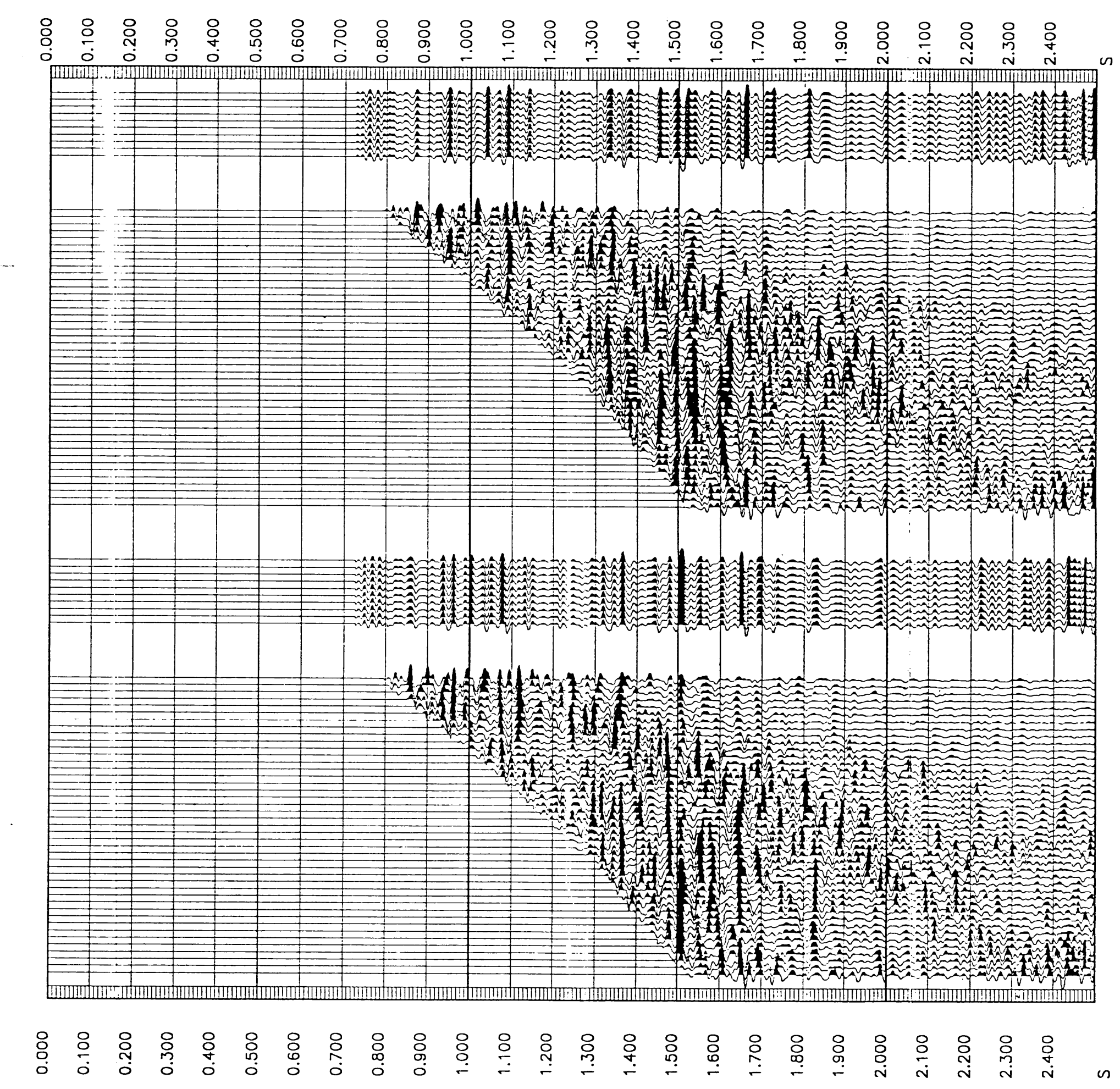
\* CORRIDOR STACK \*  
CORRIDOR WINDOW : 100 MS  
POLARITY (S.E.G.) : NORMAL

\*\* DECONVOLUTION \*\*  
PREDICTIVE DECONVOLUTION  
PROCESSING SEQUENCE:  
MEDIAN COHERENCY STACK APPLIED  
STATIC CORRECTION TO MSL  
BAND PASS FILTER : 5-90 HZ  
NORMALISATION GATE : 100 MS  
TUBEWAVE SUBTRACTION  
DOWNGOING WAVEFIELD SUBTRACTION  
PREDICTIVE DECONVOLUTION:  
PREDICTION TIME : 2 ND ZERO CROSSING  
OPERATOR LENGTH : 1.0 S  
PREWHITENING : 2 %  
ENHANCED UPGOING WAVEFIELD

\* CORRIDOR STACK \*  
CORRIDOR WINDOW : 100 MS  
POLARITY (S.E.G.) : REVERSE

\*\* DECONVOLUTION \*\*  
PREDICTIVE DECONVOLUTION  
PROCESSING SEQUENCE:  
MEDIAN COHERENCY STACK APPLIED  
STATIC CORRECTION TO MSL  
BAND PASS FILTER : 5-90 HZ  
NORMALISATION GATE : 100 MS  
TUBEWAVE SUBTRACTION  
DOWNGOING WAVEFIELD SUBTRACTION  
PREDICTIVE DECONVOLUTION:  
PREDICTION TIME : 2 ND ZERO CROSSING  
OPERATOR LENGTH : 1.0 S  
PREWHITENING : 2 %  
ENHANCED UPGOING WAVEFIELD

RAW DEPTH M	TRUE VERTICAL DEPTH MSL M	TRANSIT TIME S	LEVEL NO
0.0	0.0	0.000	0
0.0	0.0	0.000	0
0.0	0.0	0.000	0
0.0	0.0	0.000	0
1425.0	1396.6	0.585	25
950.0	921.6	0.394	44
1000.0	971.6	0.414	42
1050.0	1021.6	0.436	40
1100.0	1071.6	0.457	38
1150.0	1121.6	0.477	36
1200.0	1171.6	0.497	34
1250.0	1221.6	0.519	32
1300.0	1271.6	0.538	30
1350.0	1321.6	0.556	28
1400.0	1371.6	0.576	26
1450.0	1421.6	0.593	24
1500.0	1471.6	0.612	22
1550.0	1521.6	0.630	20
1600.0	1571.6	0.647	18
1650.0	1621.6	0.664	16
1700.0	1671.6	0.677	14
1750.0	1721.6	0.691	12
1800.0	1771.6	0.704	10
1850.0	1821.6	0.719	8
1900.0	1871.6	0.733	6
1950.0	1921.6	0.746	4
2000.0	1971.6	0.761	2



COMPANY SHELL AUSTRALIA  
FIELD WLDGCAT  
WELL DEVIL FISH #1  
COUNTRY AUSTRALIA

