90/288

DEPT. NAT. RES & ENV
PE905935

Schlumberger

SYDNEY LOG INTERPRETATION CENTRE

VERTICAL SEISMIC PROFILE

ZERO OFFSET VSP — PLOT NO 7

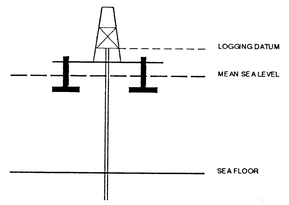
WAVESHAPING AND CORRIDOR STACK

Company:	SHELL AUSTRALIA		
Well:	DEVIL FISH #1		
Field:	WILDCAT		
Country:	AUSTRALIA		
Reference No:	56578	Interval:	2030.00 to 0.00
Date Logged:	22-APR-90	Date Processed:	2/5/90
Location:	38 47'56.21"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:	SYD	Baseline:	16.11X3

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"/1 091 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 borehole reference data were furnished by the customer.

FOLD HERE

CLIENT = SHELL
FIELD = WILDCAT
WELL = DEVILFISH

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

** WAVESHAPING **
PROCESSING SEQUENCE:
MEDIAN COHERENCY STACK APPLIED
STATIC CORRECTION TO SRD
BAND PASS FILTER : 5-90 HZ
NORMALISATION GATE : 100 MS
TUBEWAVE SUBTRACTED
DOWNGOING WAVEFIELD SUBTRACTION
WAVESHAPING DECONVOLUTION:
10-50 HZ ZERO PHASE WAVELET
OPERATOR LENGTH : 1.00 S
PREWHITENING : 2 %
ENHANCED UPGOING WAVEFIELD
POLARITY (S.E.G.) : NORMAL

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

** WAVESHAPING **
PROCESSING SEQUENCE:
MEDIAN COHERENCY STACK APPLIED
STATIC CORRECTION TO SRD
BAND PASS FILTER : 5-90 HZ
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POLARITY (S.E.G.) : REVERSE
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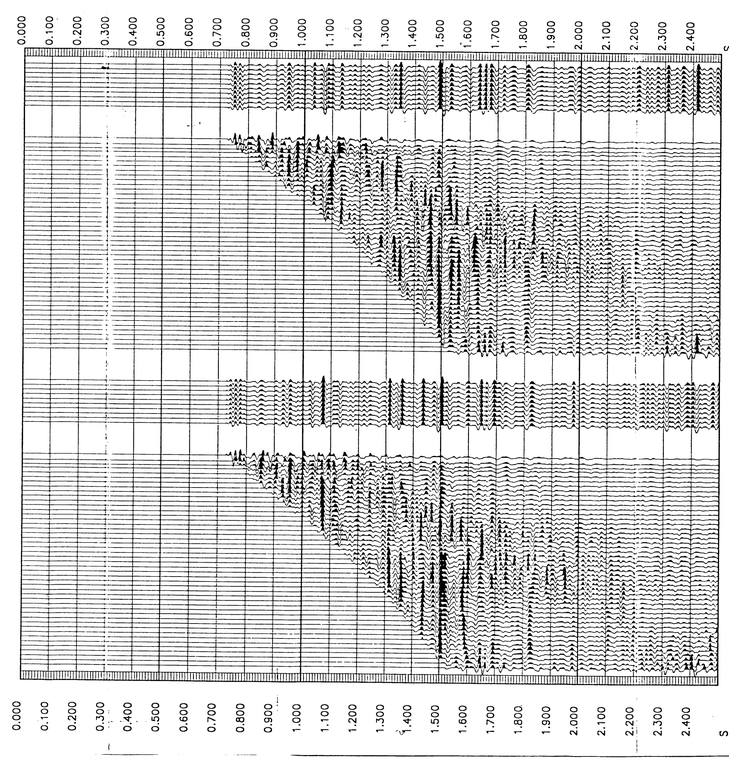
RAW DEPTH M

TRANSIT TIME S

LEVEL NO



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

Schlumberger