

VERTICAL SEISMIC PROFILE

ZERO OFFSET VSP PLOT 4 WAVESHAPING DECONVOLUTION

Company: BHP PETROLEUM
Well: MINERVA 1
Field: EXPLORATION
Country: AUSTRALIA
Reference No. 560896 Interval: 2405.00 to 551.00
Date Logged: 05-04-93 Date Processed: 20-04-94
Location: 38 42' 12.23" S 142 57' 12.34" E
Elevations: KB: 25 30 DF: 25 00 GL: -57 00
Permanent Datum: MSL Depth Units: METRES
FIELD RECORDING: Engineer M HELWIG Location VEA Program Version 32 4
COMPUTATION: Analyst A WILSONO Centre SYJ Baseline 5 5

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

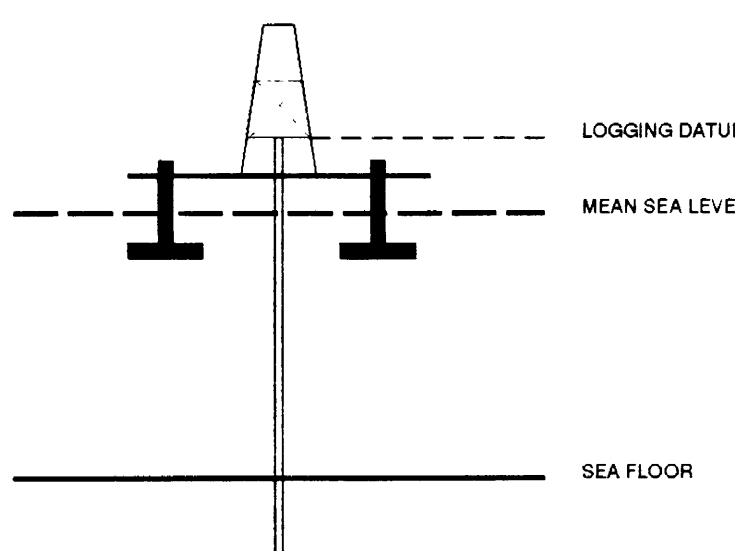


Table with columns: Run, Date, Tool Type, BI Size, Casing Size, Top Depth, Bottom Depth. It lists well logs for runs 1 and 2, including dates and depths.

REMARKS

Vertical text on the left side of the plot area, likely a well name or identifier.

Vertical text at the bottom left of the plot area.

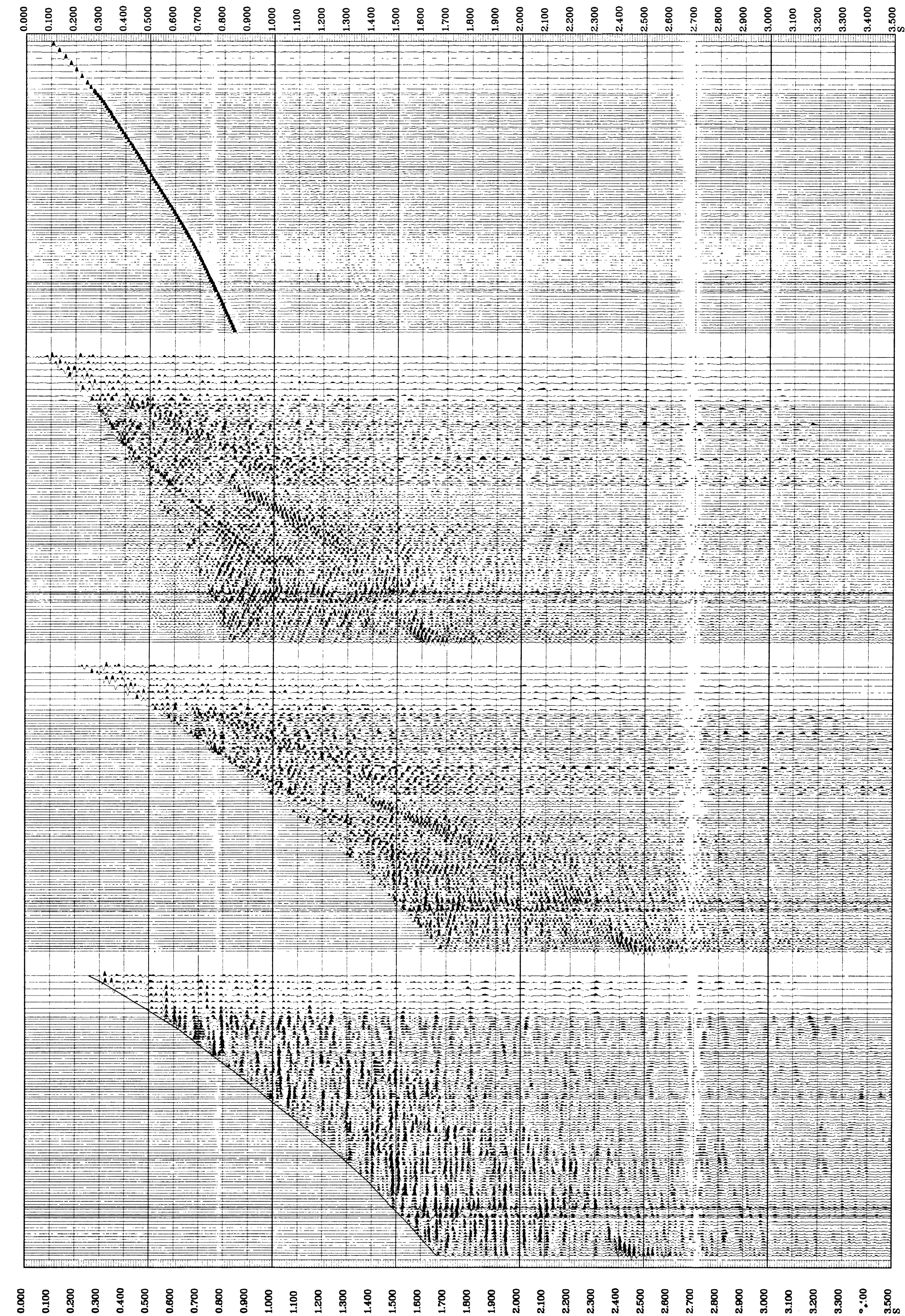
* WAVESHAPING *
ZERO PHASE
DOWNGOING WAVEFIELD
PROCESSING SEQUENCE:
MEDIAN STACK APPLIED
STATIC CORRECTION TO MSL : 9.18 MS
BAND PASS FILTER : 5-75 HZ
NORMALISATION GATE : 100 MS
TIME VARYING GAIN : T/T0**1.00
7 LEVEL MEDIAN ESTIMATE OF DOWNGOING WAVEFIELD
5-65 HZ WAVESHAPING DECONVOLUTION
VERTICAL SCALE : 10 CM/SEC
POLARITY (S.E.G.) : NORMAL
ONE WAY TIME

* WAVESHAPING *
ZERO PHASE
RESIDUAL WAVEFIELD
PROCESSING SEQUENCE:
MEDIAN STACK APPLIED
STATIC CORRECTION TO MSL : 9.18 MS
BAND PASS FILTER : 5-75 HZ
NORMALISATION GATE : 100 MS
TIME VARYING GAIN : T/T0**1.00
DOWNGOING WAVEFIELD SUBTRACTION
5-65 HZ WAVESHAPING DECONVOLUTION
VERTICAL SCALE : 10 CM/SEC
POLARITY (S.E.G.) : NORMAL
ONE WAY TIME

* WAVESHAPING *
ZERO PHASE
RESIDUAL WAVEFIELD
PROCESSING SEQUENCE:
MEDIAN STACK APPLIED
STATIC CORRECTION TO MSL : 9.18 MS
BAND PASS FILTER : 5-75 HZ
NORMALISATION GATE : 100 MS
TIME VARYING GAIN : T/T0**1.00
DOWNGOING WAVEFIELD SUBTRACTION
5-65 HZ WAVESHAPING DECONVOLUTION
VERTICAL SCALE : 10 CM/SEC
POLARITY (S.E.G.) : NORMAL
TWO WAY TIME

** N M O **
NORMAL MOVEOUT CORRECTION
PROCESSING SEQUENCE:
MEDIAN STACK APPLIED
TRUE AMPLITUDE RECOVERY
STATIC CORRECTION TO MSL: 9.18 MS
BAND PASS FILTER : 5-75 HZ
NORMALISATION GATE : 100 MS
TIME VARYING GAIN : T/T0**1.00
DOWNGOING WAVEFIELD SUBTRACTION
WAVESHAPING DECONVOLUTION:
5-65 HZ ZERO PHASE WAVELET
5 LEVEL ENHANCED UPGOING WAVEFIELD
NORMAL MOVEOUT CORRECTION
VERTICAL SCALE : 10 CM/SEC
POLARITY (S.E.G.) : NORMAL
TWO WAY TIME

Main data table with columns: RAW DEPTH M, TRUE VERTICAL DEPTH MSL M, GEOPHONE OFFSET M, TRANSIT TIME S, TRANSIT TIME NMO S, LEVEL NO. It contains numerical data for each depth level.



COMPANY BHP PETROLEUM
FIELD EXPLORATION
WELL MINERVA 1
COUNTRY AUSTRALIA