

DISPLAY 7



SEISMOGRAPH SERVICE (ENGLAND) LTD.

LEVEL No.	1	10	20	30	38
DEPTH IN METRES BELOW RT	2075	1850	1575	1325	1125

COMPANY : NORSK HYDRO A/S
 WELL : 31/3-2
 LOCATION : 60° 52' 11.41" N
 03 40 41.79 E
 DISPLAY : OFFSET SOURCE (SOUTH)
 VERTICAL SEISMIC PROFILE
 DISPLAY 7. DECONVOLVED DOWNGOING
 EVENTS

TIME SCALE : 10CM/SECOND
 DEPTH SCALE : 1:9843
 DATE PROCESSED : APRIL 1984

FIELD ACQUISITION

SURVEY DATE : 4TH APRIL 1984
 SOURCE : BOLT AIRGUN (80 CU. IN.)
 SOURCE DEPTH : 10M
 GUN PRESSURE : 2000PSI
 SOURCE MONITOR : NEAR-FIELD HYDROPHONE
 MONITOR DEPTH : 13M
 WELL GEOPHONE : 3D HT
 RECORDING EQUIPMENT : DWS 2
 SAMPLE RATE : 1MS
 WATER DEPTH : 344M
 VSP DATUM : MSL
 REFERENCE LEVEL : RT AT 21M AMSL
 SOURCE OFFSET : 700M FROM WELLHEAD

PROCESSING SEQUENCE

DECONVOLVED DOWNGOING WAVEFIELD (DISPLAY 7)
 EDIT
 AUTOMATED TRACE ALIGNMENT
 STACK OF CONSTANT DEPTH TRACES
 AMPLITUDE RECOVERY PROPORTIONAL TO T
 FIRST ARRIVALS SHIFTED TO ALIGN AT TIME ZERO
 13:1 MEDIAN PICK
 SPECIAL VSP DECONVOLUTION (660MS DERIVATION WINDOW)
 FIRST ARRIVALS SHIFTED TO ONE-WAY TIME SUB DATUM
 BANDPASS FILTER (9-12, 50-60HZ)

TIME IN SECONDS

