

m 15



SEISMOGRAPH SERVICE (ENGLAND) LTD.

COMPANY : STATOIL
 WELL : 15/9-18
 LOCATION : 58° 21' 01.92" N
 01 48 12.04 E
 VERTICAL SEISMIC PROFILE
 DISPLAY 7 : DECONVOLVED DOWNGOING
 EVENTS

TIME SCALE : 1S = 10CM
 DEPTH SCALE : 1:12000
 DATE PROCESSED : MARCH 1984

FIELD ACQUISITION

DATE SHOT : 21-2-84
 SOURCE : SINGLE BOLT AIRGUN (80 CU. IN.)
 SOURCE DEPTH : 10M BELOW MSL
 GUN PRESSURE : 2000 PSI
 SOURCE MONITOR : NEAR FIELD HYDROPHONE
 MONITOR DEPTH : 13M BELOW MSL
 WELL GEOPHONE : GCH 100 HT
 RECORDING EQUIPMENT : DCA/DCR
 SAMPLE RATE : 2 MS
 SURFACE ELEVATION : /
 WATER DEPTH : 97M
 VSP DATUM : MSL
 DEPTH REFERENCE : KB AT 23M ABOVE MSL

PROCESSING SEQUENCE

DISPLAY 7 : DECONVOLVED DOWNGOING WAVEFIELD
 EDIT
 AUTOMATED TRACE ALIGNMENT
 STACK OF CONSTANT DEPTH TRACES
 SOURCE SIGNATURE DECONVOLUTION (350 MS WINDOW)
 BANDPASS FILTER (5-80HZ/18/24DB PER OCT.)
 AMPLITUDE RECOVERY PROPORTIONAL TO T
 FIRST ARRIVALS SHIFTED TO ALIGN AT TIME ZERO
 13:1 MEDIAN PICK
 SPECIAL VSP DECONVOLUTION (750 MS DERIVATION WINDOW)
 FIRST ARRIVALS SHIFTED TO TWO-WAY TIME SUB DATUM
 TIME VARIANT FILTER FROM SEISMIC SECTION (LINE ST8215-122)
 (10-60HZ/18/24DB PER OCT 0.0-3.0S
 10-50HZ/18/24DB PER OCT 3.0S-END OF DATA)

DISPLAY 7

