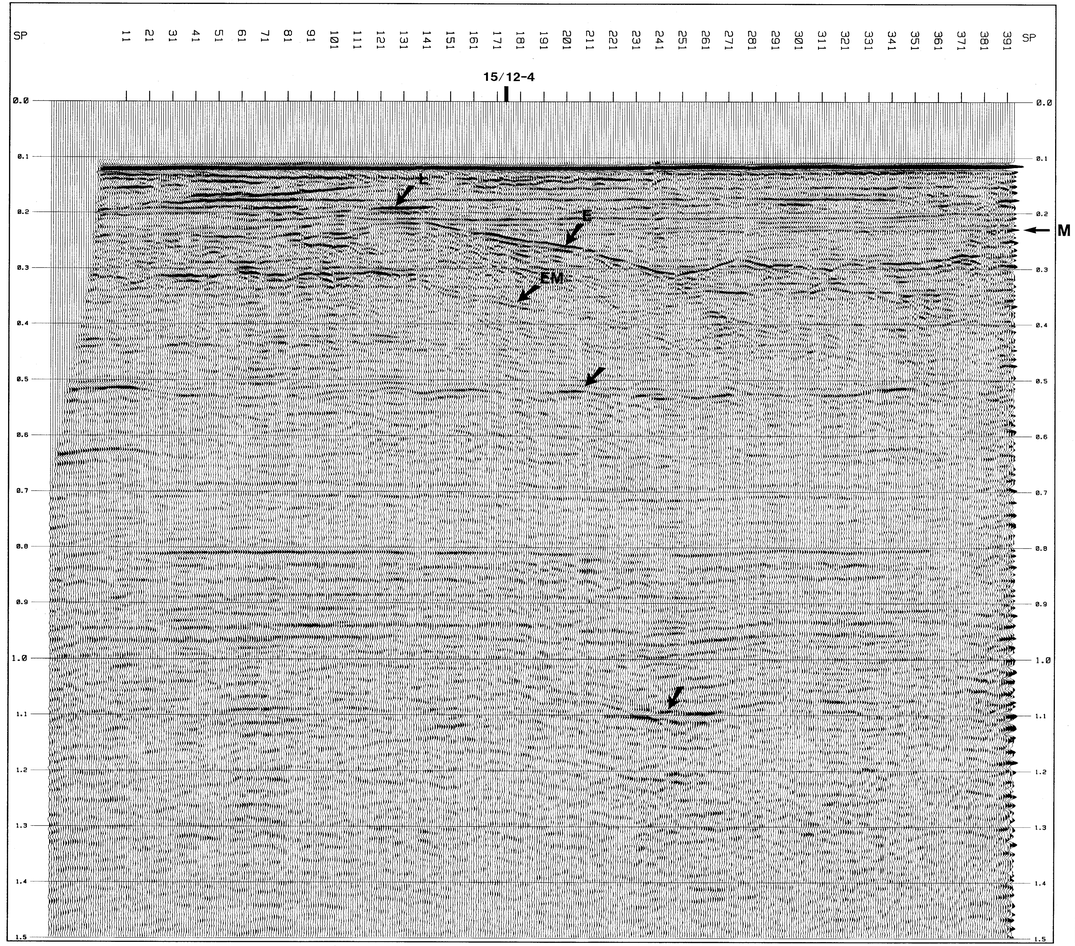

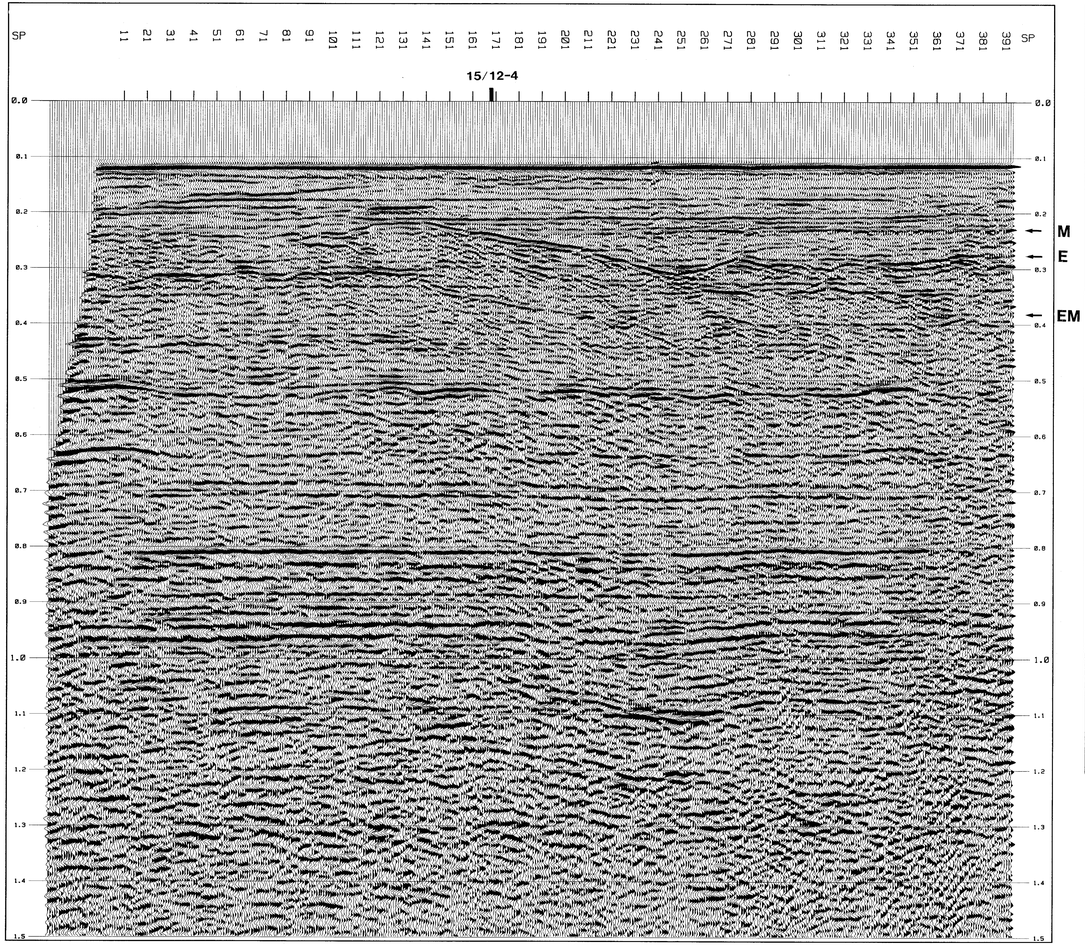

STATOIL ENCLOSURE 9

SEISMIC PROCESSING CENTRE
STAVANGER - NORWAY

BLOCK 15/12

LINE ST8378-304

SP 1 - 394

NORTH

FILTERED STACK

FIELD RECORDING PARAMETERS

DATA SHOT BY	ODIN ODIN FINDER
DATA SHOT	NOV. 1983
RECORDING INSTRUMENT	GPS 3
RECORDING FILTERS	LOW CUT 1.37 HZ HIGH CUT 125.0 HZ
TAPE FORMAT	SEG B
RECORD LENGTH/SAMPLE RATE	6000 MS AT 1 MS SAMPLE RATE
ENERGY SOURCE	AIRGUN SLEEVE
SHOT DEPTH	6 METRES
SHOTPOINT INTERVAL	12.5 METRES
NUMBER OF NEAREST GROUP	1
NUMBER OF FARTHEST GROUP	48
CABLE LENGTH	4800 METERS 24 GROUPS
SOWERAGE	24 FOLD 24 TRACES
NAVIGATION SYSTEM	POLS - B

PROCESSING PARAMETERS

DATA PROCESSED BY	STATOIL SEISMIC PROCESSING CENTRE STAVANGER NORWAY
POLARITY CONVENTION	THE POLARITY OF THE FIELD RECORDING WAS MAINTAINED THROUGHOUT THE PROCESSING
RECORD LENGTH	6000 MS
SAMPLE RATE	4 MS
TRACE EQUALIZATION	EXPONENTIAL GAIN 100-1100 MS + 30 DB LEFT HAND SECTION 20 DB RIGHT HAND SECTION CONSTANT GAIN FROM 1100 MS
CDP SORT	
WAVELET SHAPING	MIN. ENTROPY
DECONVOLUTION BEFORE STACK	SPIKING, PREDICTION DISTANCE = 50 MS LENGTH OF OPERATOR 500 MS ALL AUTOCORRELATION WINDOWS 3.1 SECS. DESIGN GATE 1 NORTH TRACE 1 - 12 100 - 1000 MS 0 - 1248 MS FOR TRACE FOR TRACE 1000 - 4000 MS 0 - 1248 MS WATER BOTTOM MULTIPLE ATTENUATION
F-K FILTERING	
NORMAL MOVE-OUT CORRECTION	
POST-MIG FILTE	OFFSET (M) TIME (MSEC) 37 1812 112 1812 150 2508 412 2508 4800 6000
STACK	24 FOLD CDP INTERVAL= 12.5 M SHOT INTERV.=12.5 M
TIME VARIANT FILTERING	TIME (MSEC) FREQ (HZ) 0 - 500 60 - 100 500 - 1000 50 - 90 1100 - 2000 40 - 110 (10) (20) RUNNING MIX
TRACEMIX	
TIME VARIANT SCALING (RIGHT HAND SECTION ONLY)	(10) (20) RUNNING MIX 1100 GATES (MS) 0 - 100 100 - 200 200 - 500 500 - 1000 1000 - 1500 1500 - 2000 2000 - 2500 2500 - 3000 3000 - 3500 3500 - 4000 4000 - 4500 4500 - 5000 5000 - 5500 5500 - 6000

PROCESSING SUPERVISOR : C.R.E

PROCESSED BY : P.P.DR
DEC. 1983

DISPLAY PARAMETERS

LEFT HAND SECTION : NO SCALING
RIGHT HAND SECTION : SCALING

POLARITY	NORMAL
HORIZONTAL SCALE	1:10000
VERTICAL SCALE	10 CM/SEC

M SEA-BED MULTIPLE

E EROSION SURFACE

EM EROSION SURFACE MULTIPLE

L POSSIBLE LOW VELOCITY LAYER (POSSIBLE SHALLOW GAS)