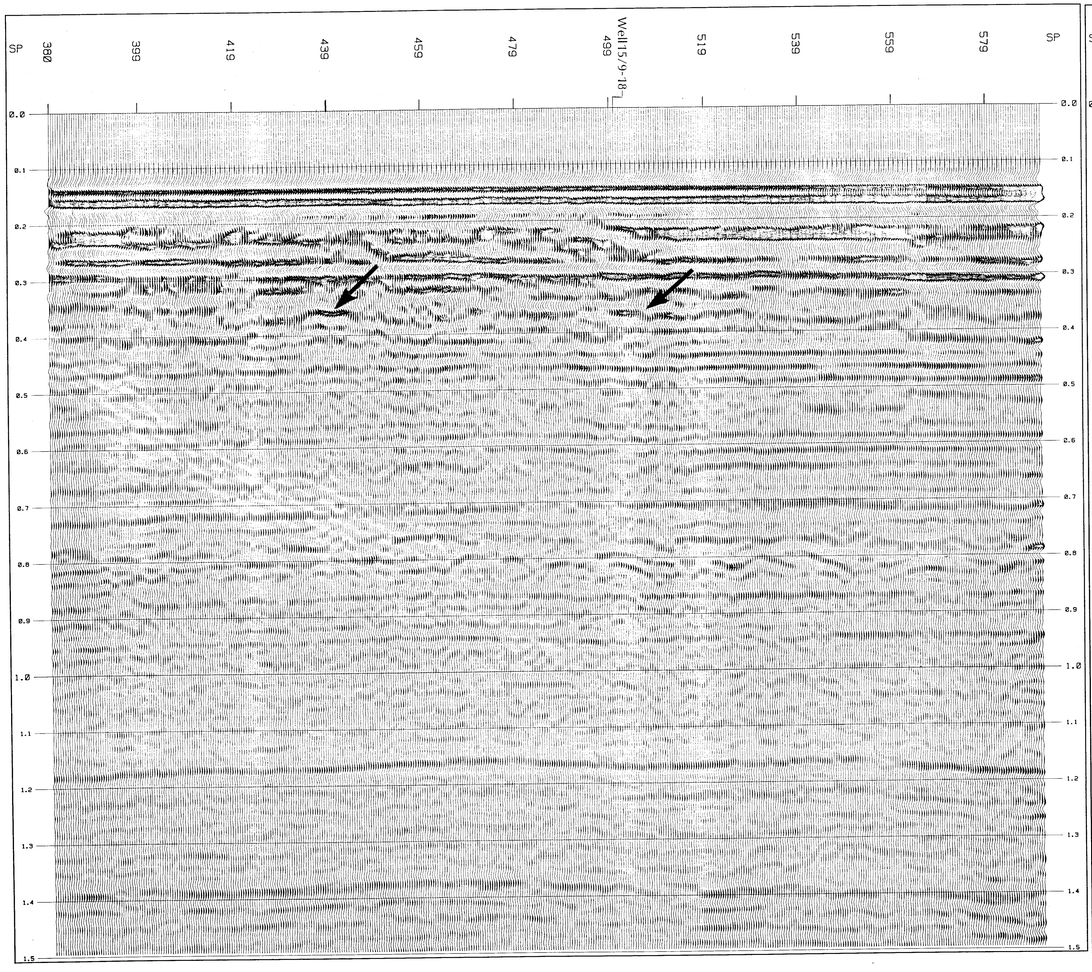

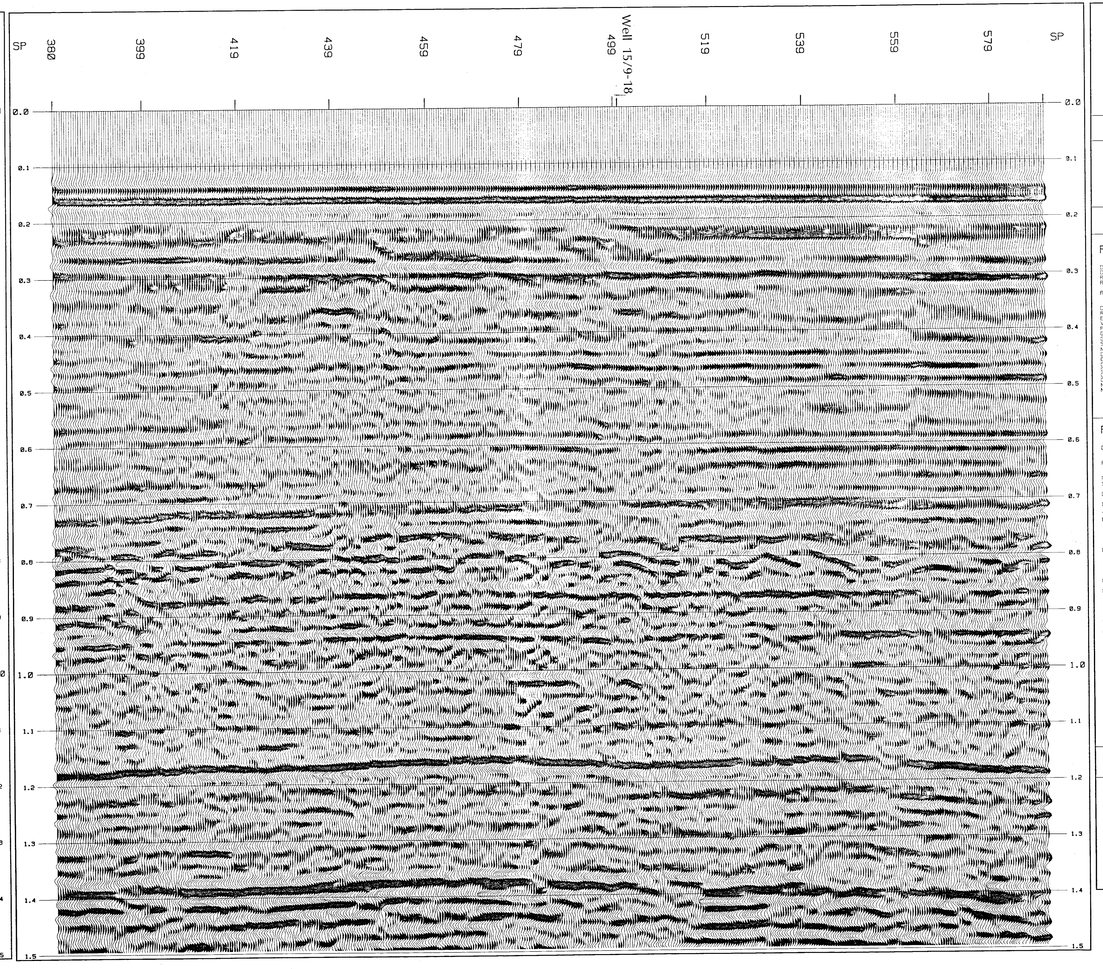

ENCLOSURE 2

STATOIL

SEISMIC PROCESSING CENTRE
STAVANGER - NORWAY

BLOCK 15/9

LINE ST 8215-122
SP 380 - 590
NORTH

FILTERED STACK 0.0-1.5 S

FIELD RECORDING PARAMETERS

DATA SHOT BY	GECO - MVV GECO STORM
DATA SHOT	NPRA-DEC. 1982 3D SURVEY
RECORDING INSTRUMENT	DFS V
RECORDING FILTERS	LOW CUT FILTER - 5.5 HZ HIGH FILTER - 180 HZ
RECORDING POLARITY	A NEGATIVE PRESSURE AT THE GEOPHONE PRODUCES A NEGATIVE NUMBER ON TAPE - SEG STANDARD
DIGITAL TAPE FORMAT	SEG B 1600 BPI 9 TRACK 1600 BPI NRZI
RECORD LENGTH/SAMPLE RATE	4000 MS AT 4 MS SAMPLE RATE
FIRING SOURCE	SODECO 24 CHANNEL SLAM-FIRE
FIRING TIME	1600 PLUS 4%
PRESSURE	2000 P.S.I.
GUN DELAY	20 MS COMPENSATED
SHOT POINT INTERVAL	25 METRES
KILOMETER OF NEAREST GROUP	2981 METRES
DISTANCE	2981 METRES
GROUP LENGTH	118.5 METRES 48 GROUPS
SHOT DEPTH	12 SEQUENCES PER GROUP
SEQUENCES	48 SEQUENCES PER GROUP
SEQ/CDP/KM	576 CDP/KM
NUMBER OF COMPOSITES	12
NAVIGATION SYSTEM	HYDRO-PLUS 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	4000 MS
SAMPLE RATE	4 MS
DEMULTIPLEX	
CDP SORT	
TRUE AMPLITUDE RECOVERY	DATA CORRECTION 52.28-2.0-4.0 S
MUTE	OFFSET (M) TIME (MS) 0 - 100 100 1000 - 1200 1200 2400 - 2600 2600 3975 - 4000 4000
DECONVOLUTION BEFORE STACK	MIN. PREDICTION DISTANCE = 64 MS OPERATOR LENGTH = 256 MS NO. AUTOCORRELATION WINDOWS = 1 GATES 1 MEAN TRACE 1500 - 3500 MS PRE DECONVOLUTION
NMO CORRECTION	USING REVISED VELOCITIES
MUTE	OFFSET (M) TIME (MS) 0 - 100 100 1000 - 1200 1200 2400 - 2600 2600 3975 - 4000 4000
STACK	48 FOLD 96 TRACES
DECONVOLUTION AFTER STACK	1. MIN. PREDICTION DISTANCE = 24 MS LENGTH OPERATOR = 200 MS NO. AUTOCORRELATION WINDOWS = 1 DESIGN GATE 1 = 1000 - 4000 MS 2. MIN. PREDICTION DISTANCE = 1168 MS LENGTH OPERATOR = 1.68 MS NO. AUTOCORRELATION WINDOWS = 1 DESIGN GATE 1 = 1000 - 4000 MS
MIX	WEIGHTS 1 : 1 - 3 - 1
TIME VARIANT FILTERING	TIME (MS) FREQ. (HZI) 0 - 2500 12 - 60 3000 - 4000 10 - 50
TIME VARIANT SCALING (RIGHT HAND SECTION ONLY)	TIME GATES (MS) 100 - 400 500 - 1000 1000 - 1500 1500 - 2000 2000 - 4000

PROCESSING SUPERVISER : C.M.E

PROCESSED BY : J.E.H.
DEC. 1983

DISPLAY PARAMETERS:

LEFT HAND SECTION : NO SCALING
PLOT GAIN : 0.2

RIGHT HAND SECTION: SCALING
PLOT GAIN : 1.0

POLARITY	NORMAL
HORIZONTAL SCALE	1:18000 80 TRACES/KM
VERTICAL SCALE	10 CM/SEC
DATUM	SEA LEVEL