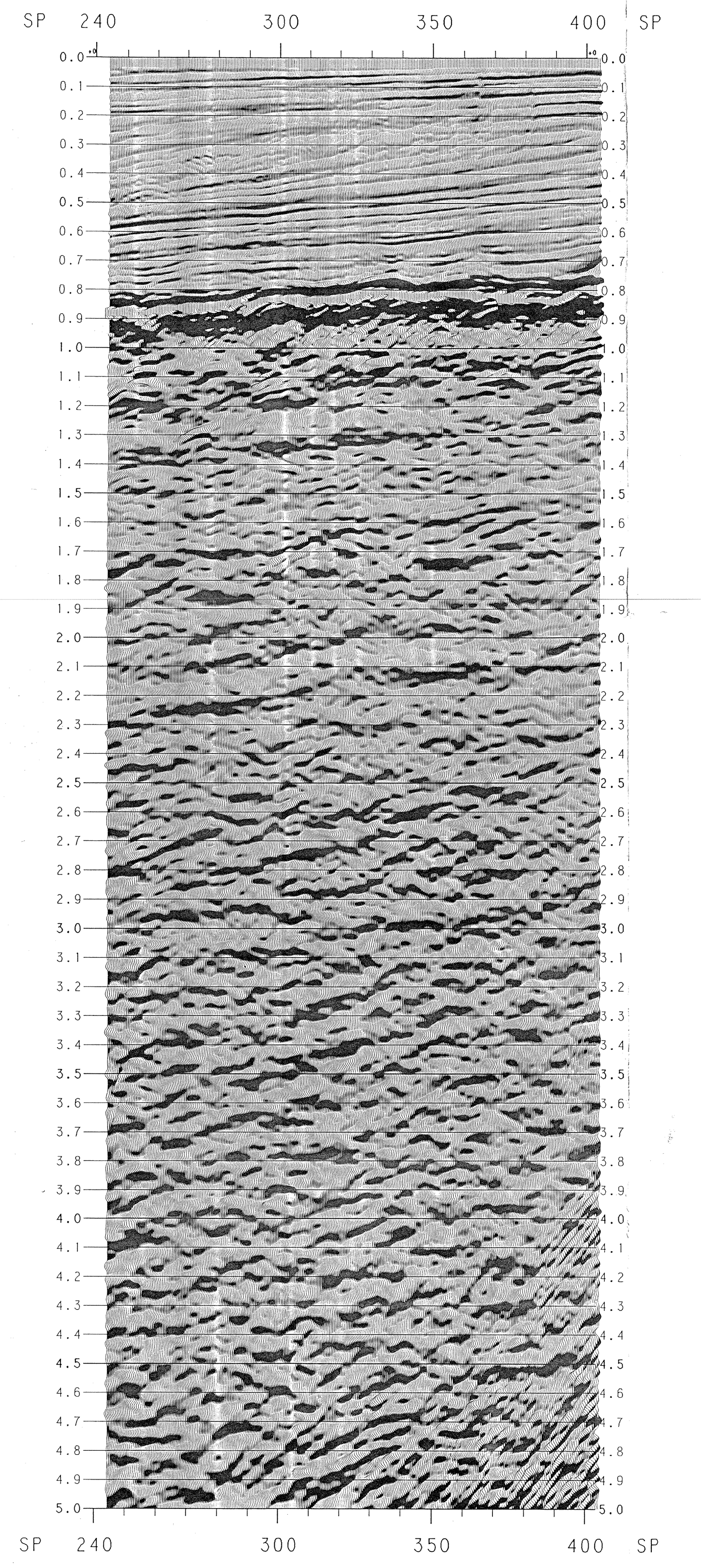
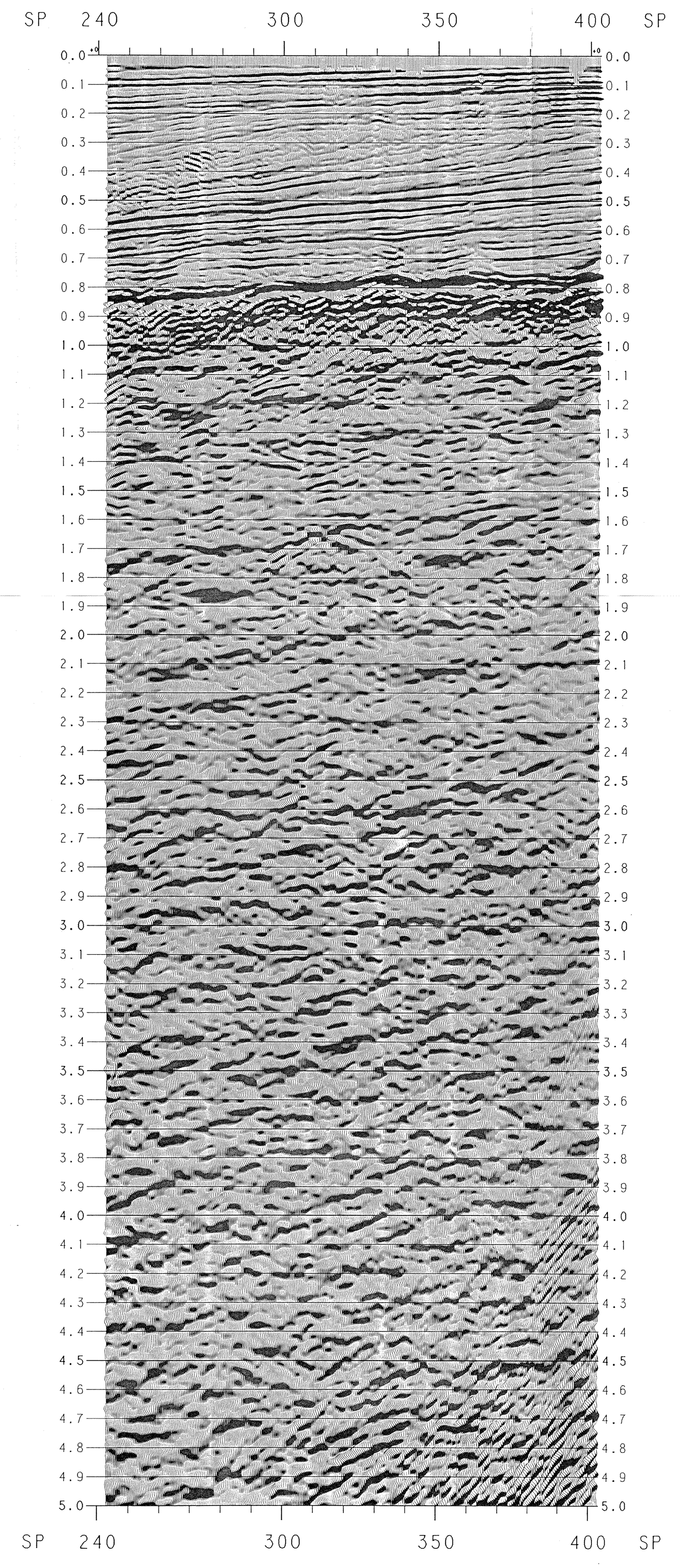
INPUT



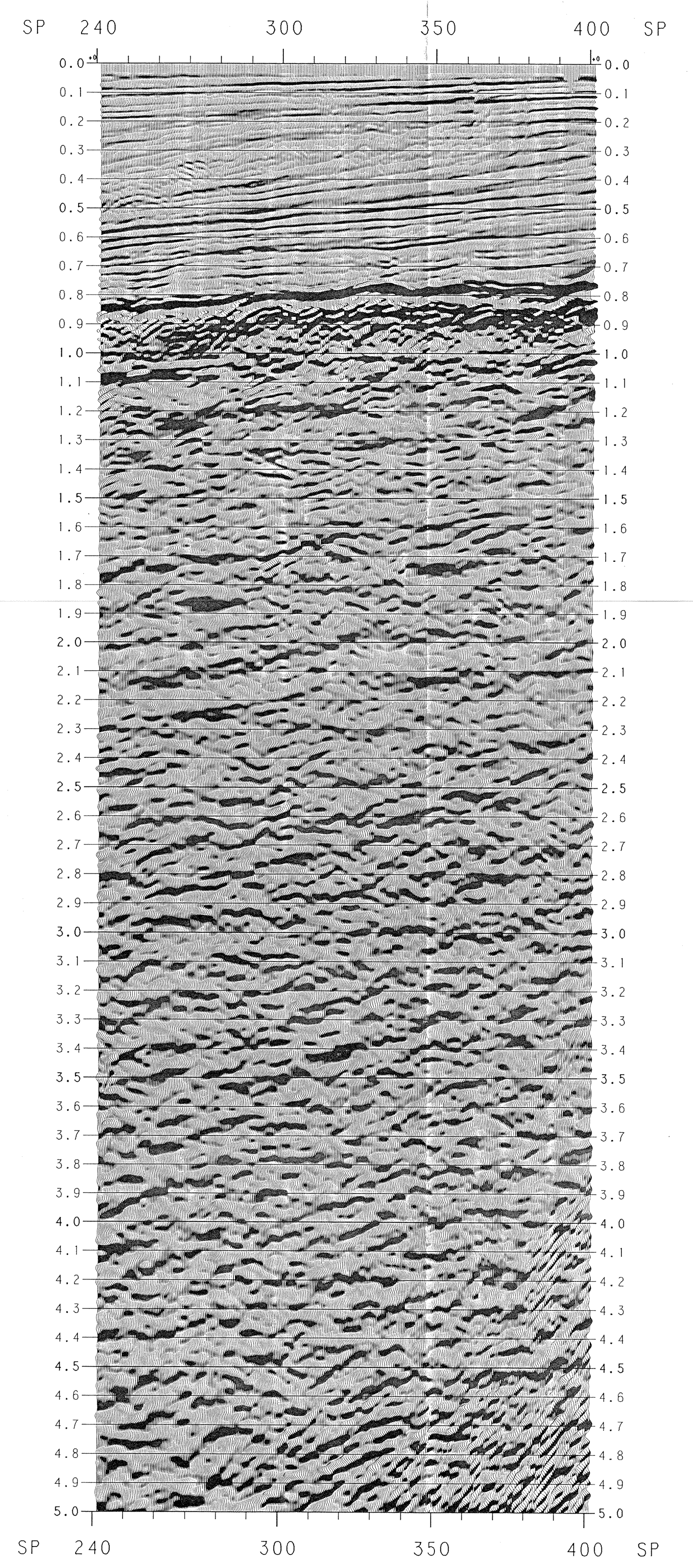
DAS APPLIED

FREQUENCY DOMAIN DECONVOLUTION
SPATIALLY AVERAGED OVER 11 TRACES
WINDOW LENGTH 1 X 2000 MS
MIN PREDICTIVE DISTANCE 4 MS
MAX PREDICTIVE DISTANCE 200 MS



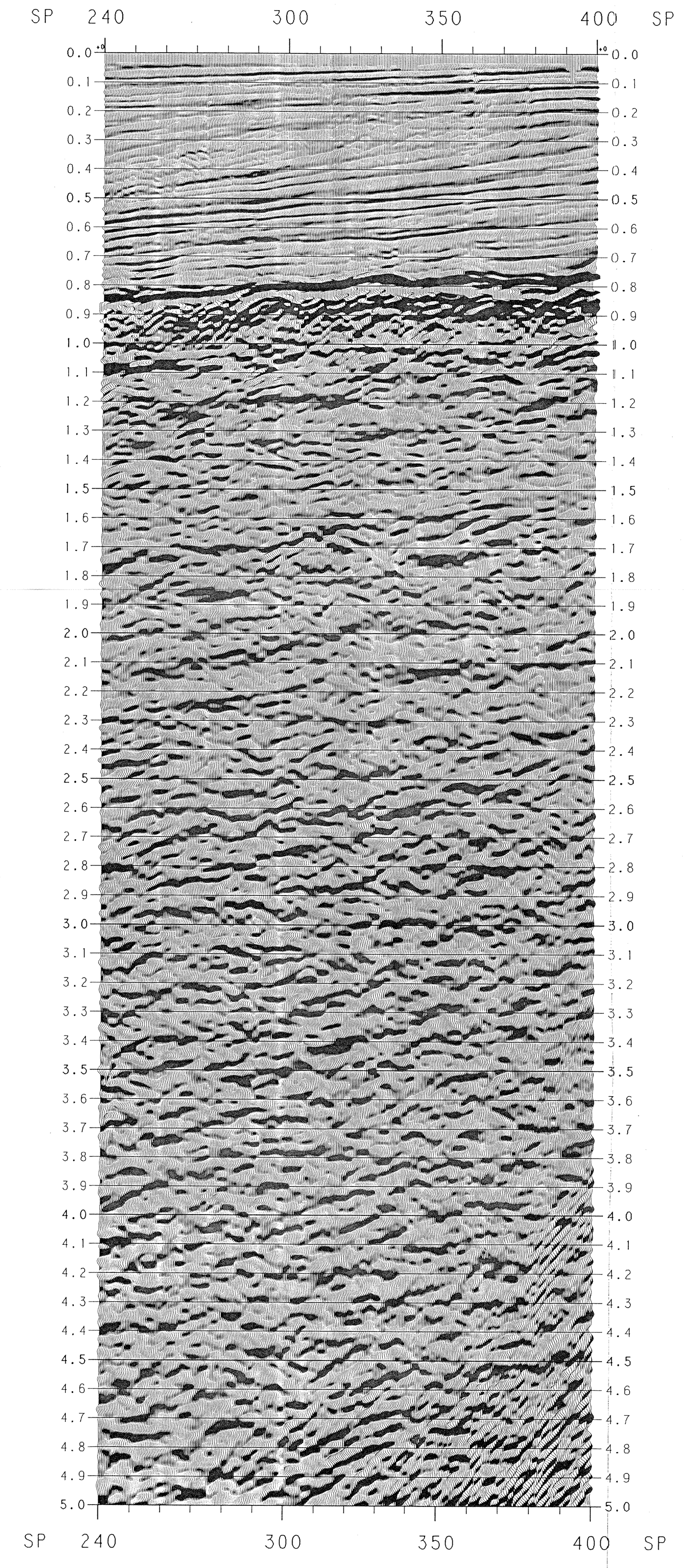
DAS APPLIED

FREQUENCY DOMAIN DECONVOLUTION
SPATIALLY AVERAGED OVER 11 TRACES
WINDOW LENGTH 1 X 2000 MS
MIN PREDICTIVE DISTANCE 16 MS
MAX PREDICTIVE DISTANCE 200 MS



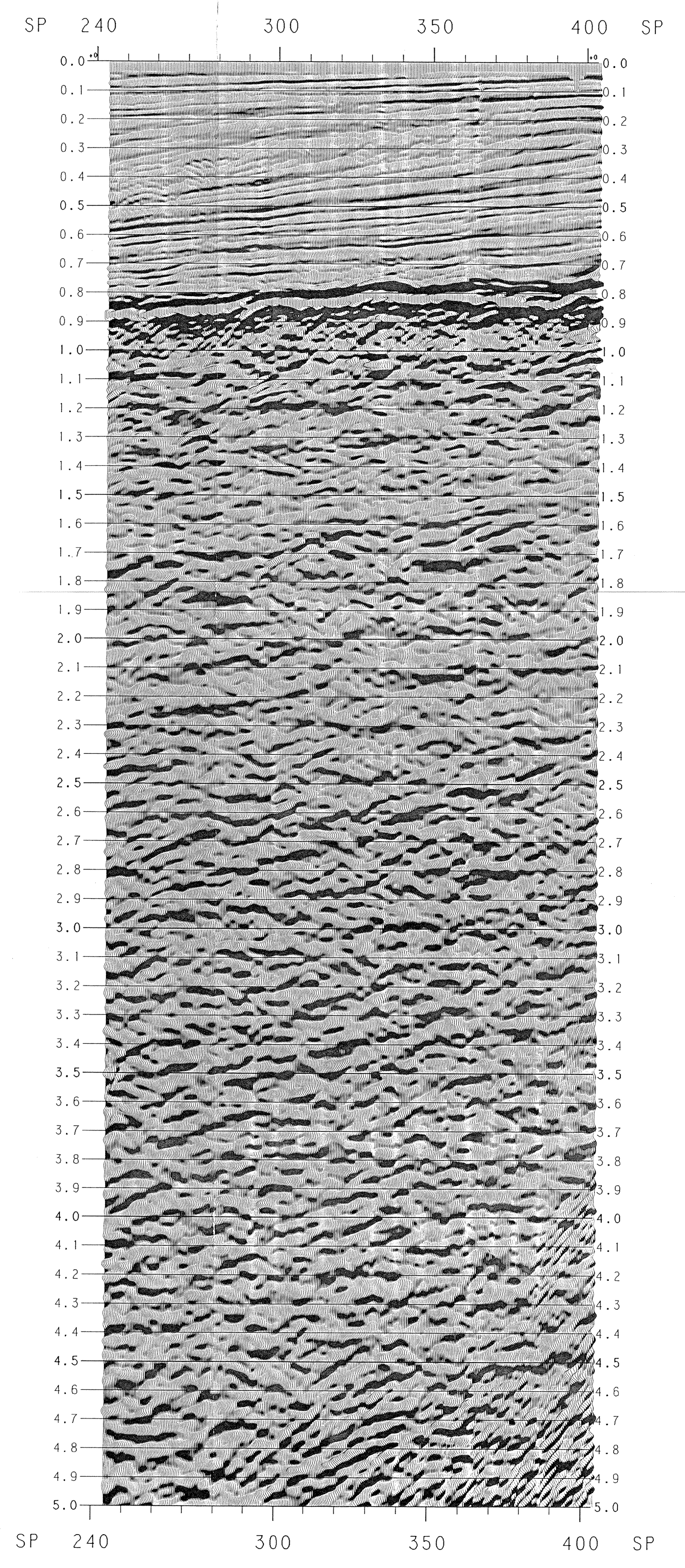
DAS APPLIED

FREQUENCY DOMAIN DECONVOLUTION
SPATIALLY AVERAGED OVER 11 TRACES
WINDOW LENGTH 1 X 2000 MS
MIN PREDICTIVE DISTANCE 32 MS
MAX PREDICTIVE DISTANCE 200 MS



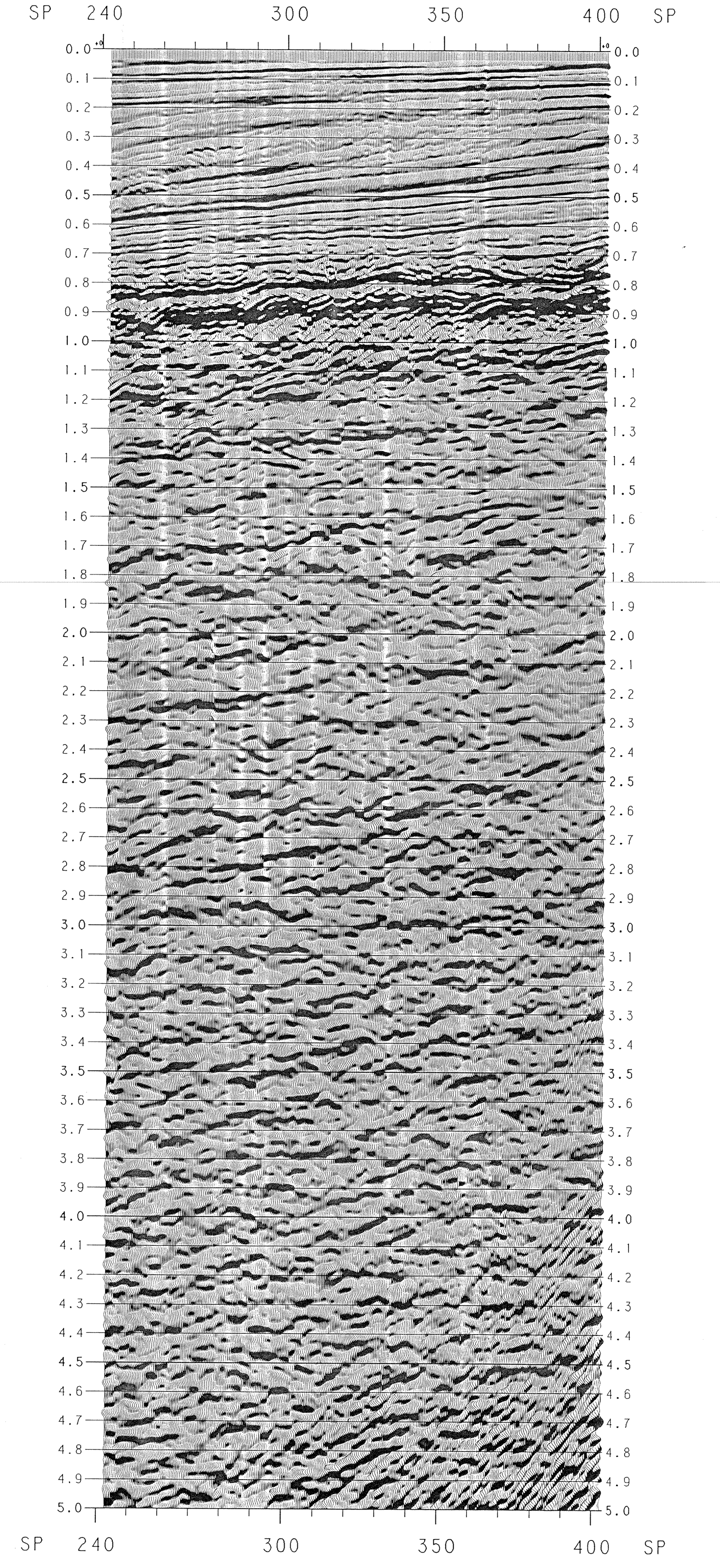
DAS APPLIED

FREQUENCY DOMAIN DECONVOLUTION
SPATIALLY AVERAGED OVER 11 TRACES
WINDOW LENGTH 1 X 2000 MS
MIN PREDICTIVE DISTANCE 48 MS
MAX PREDICTIVE DISTANCE 200 MS



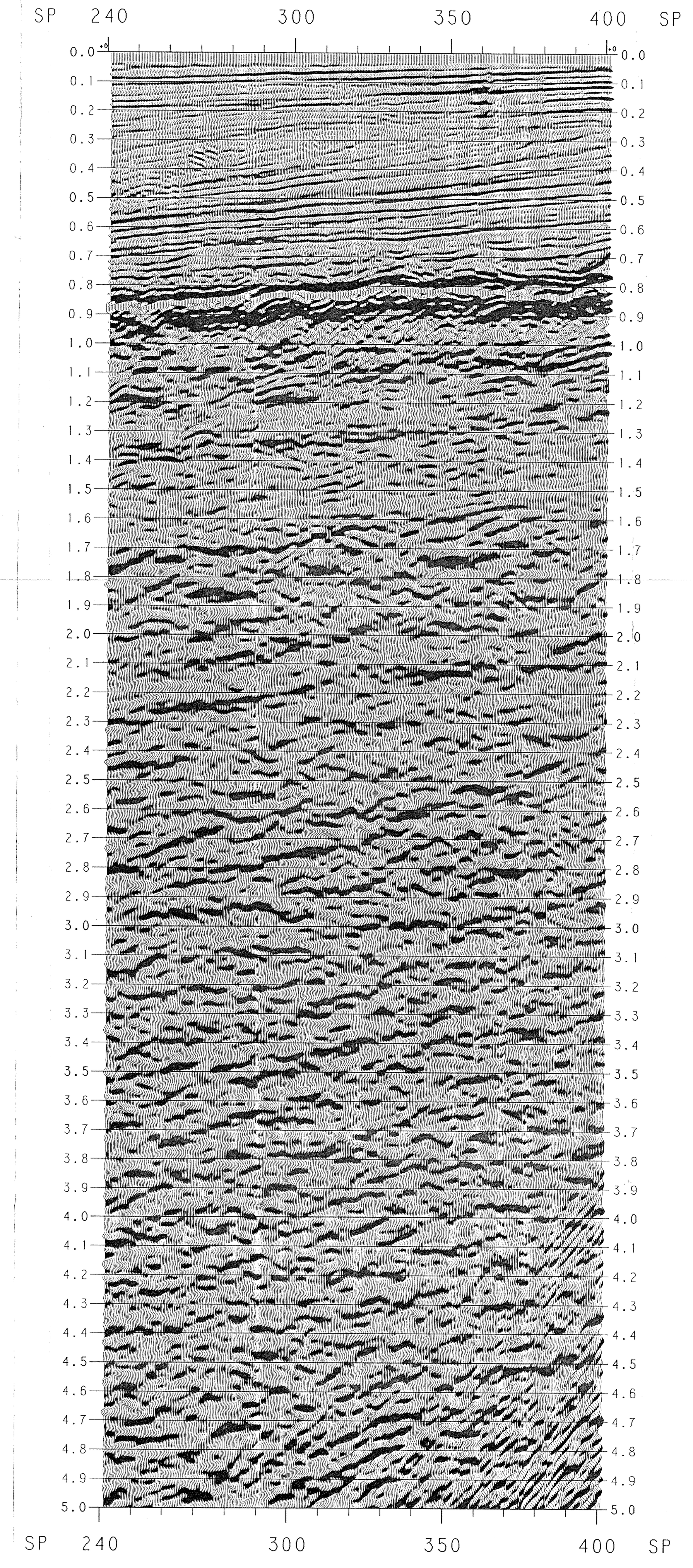
SPECTRAL WHITENING APPLIED

TIME DOMAIN APPROACH
FREQUENCY PASSBAND 6 - 65 HZ
SMOOTHING FILTER 400 MS



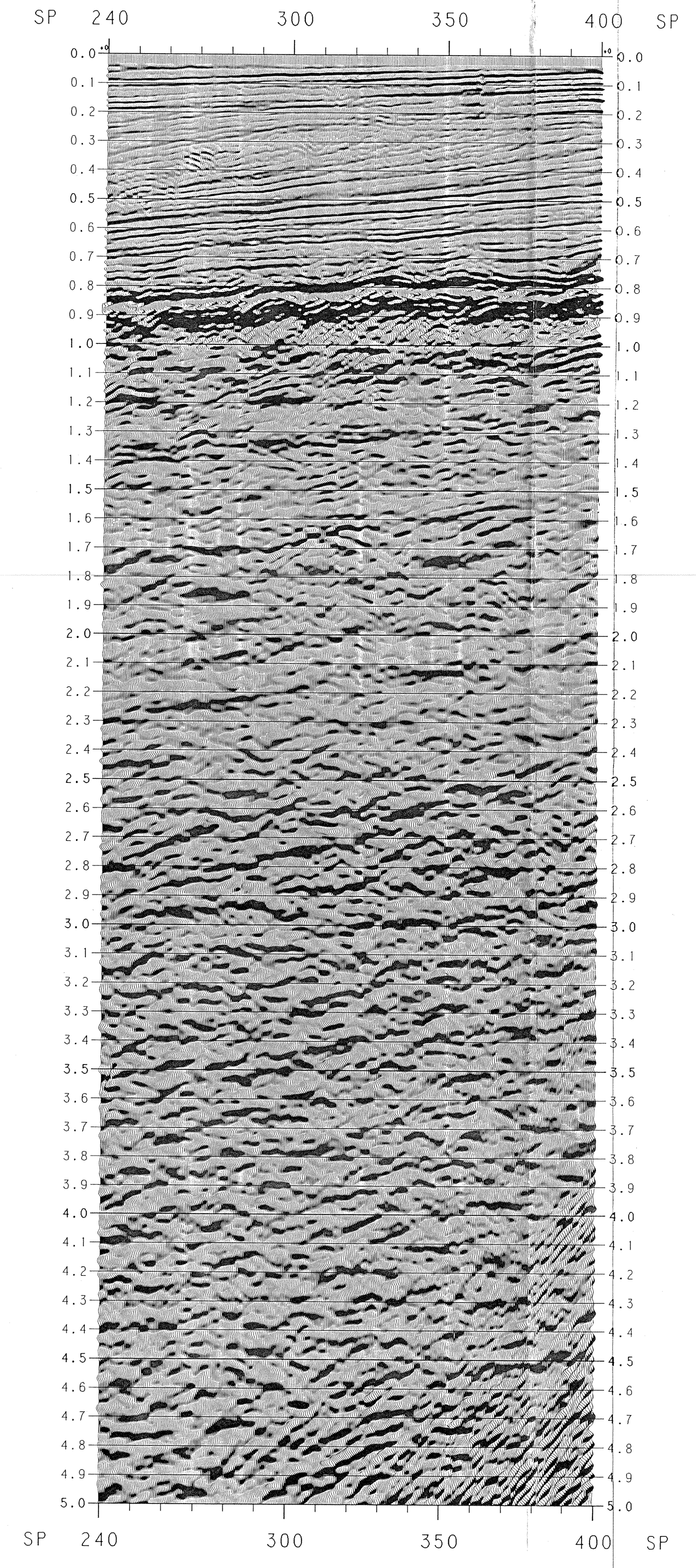
SPECTRAL WHITENING APPLIED

TIME DOMAIN APPROACH
FREQUENCY PASSBAND 6 - 65 HZ
SMOOTHING FILTER 1600 MS



SPECTRAL WHITENING APPLIED

TIME DOMAIN APPROACH
FREQUENCY PASSBAND 6 - 65 HZ
SMOOTHING FILTER 3200 MS



PROCESSING TEST NO 16
DAS AND SPECTRAL WHITENING TEST

TEXACO NETHERLANDS INTERNATIONAL INC.

Western Geophysical

AREA	
SICILY : BLOCK CR-119-TX	W.G.C. CONTRACT MT4 DATE SHOT NOVEMBER 1985 PROCESSED IN LONDON DIGITAL CENTRE JULY 1988

LINE: TX-9

SP 240 TO SP 400

NORTHEAST

ATTACHMENT 4

ACQUISITION PARAMETERS

CONTRACTOR	GECO
VESSEL	MV GECO RHO
AIRGUNS	
SHOT INTERVAL	25 M
GUN DEPTH	10 M
GUN ARRAY WIDTH	76 M
GUN VOLUME	6276 CU.INS.
GUN PRESSURE	2000 PSI
FIELD RECORDER	DSS V/DFSV/NORD100
RECORDING FOLD	60 FOLD , 120 TRACES
FILTER	L.C.: 3.5/18 (HZ,DB/OCT) H.C.:128/72
FORMAT	SEG-D 1600 BPI
SAMPLE RATE	2 MS
RECORD LENGTH	5100 MS
CABLE LENGTH	3001 M
CABLE DEPTH	10 M
NUMBER OF GROUPS	120
GROUP INTERVAL	25 M

TEST PROCESSING PARAMETERS

PROCESSING SAMPLE INTERVAL 4 MS
PROCESSING RECORD LENGTH 5000 MS

REFORMAT

SEG-D 8048 TO WGC CODE 4 FORMAT

PREPROCESSOR - D.B.S.

A) GEOMETRIC SPREADING GAIN APPLIED
B) DECONVOLUTION
TYPE MINIMUM PHASE INVERSE FILTER
WINDOW LENGTH 2 X 2000 MS
MIN.PREDICTIVE DISTANCE 4 MS
MAX.PREDICTIVE DISTANCE 200 MS
AUTOCORRELATIONS SPATIALLY AVERAGED OVER 30 TRACES IN EACH SHOT GATHER
C) COMMON DEPTH FAMILY GATHER
D) TRACE BALANCE ON OUTPUT

DIP MOVEOUT CORRECTION

6000% N.M.O. STACK

FAR TRACE MUTE

3-TRACE MIX

WEIGHTS APPLIED 1-2-1

DAS

SEE INDIVIDUAL TOP HEADERS

TIME VARIANT FILTER

TIME (SECS)	L.C. (HZ,DB/OCT)	H.C.
0.004	10 / 24	60 / 48
1.000	4 / 24	45 / 48
1.600	4 / 24	35 / 48
2.200	4 / 24	30 / 48

SCALING

TRACE BALANCE

DISPLAY PARAMETERS

TEST DISPLAYED NORMAL SEG POLARITY

HORIZONTAL SCALE: 1:24606
: 48 TR / IN
VERTICAL SCALE : 10 CM / SEC

S.P.'S DISPLAYED AT CDP LOCATIONS

COMMENTS

NO GUN AND CABLE CORRECTION HAS BEEN APPLIED
COMPRESSION PULSES RECORD AS NEGATIVE NUMBERS ON TAPE AND PLOT AS TROUGHS (WHITE) ON PLAYBACK

W.G.C. INPUT DATASET: 0541DA
W.G.C. VELOCITY: MT400092
W.G.C. JOBNAME: M02CDA16