ENTERPRISE OIL

PROSPECT: BARRAGIANO ITALY

LINE PZE92.01 SHOT POINTS 100 TO 704

BRUTE STACK

HORIZONTAL SCALE 1:12500 VERTICAL SCALE 1500:18 CM

ACQUISITION PARAMETERS

RECORDED BY	D.G.O.	REC. MFG	SERCEL 388
COMPUTER	DFS/DFS-IV	CHANNELS	48 FOLD
RECORDING	24 BIT	SAMPLE RATE	2 MS/120 SAMPL
SAMPLE RATE	2 MS	RECORD LENGTH	6 SECONDS
FORM	SEGD	REC. FILTER	10/80 LP/18 HZ
SPREAD TYPE	48 CH/20 SHOTS	SHOT	2 KG SEISMOGEL
SPREAD LENGTH	2400 M	COUPLING	GROUND

S.P. POSITION

GEOPHONE ARRAY

ST. ST.

STATION

CH1-CH24

24

12M

+/-100M

24.75M

PROCESSING SEQUENCE

1. DEMUX Demultiplex of SEG D data.
2. FILTER Median/Gaussian filter 180/125 Hz.
3. RESAMP Resampling from 2 msec to 4 msec.
4. SCALE Reply gain recovery to compensate for spherical divergence and attenuation. Gain table fitted to 1/r(t)EXP(0.0016*t) - 2E
5. SCALE Trace balance using 3 windows per trace.
6. DECON Spike deconvolution with 168 msec operator length and two windows per trace.
7. FILTER Band-pass filter 6/12/60/68 Hz.
8. RESAMP Gather into common midpoint order.
9. STAT Calculation and application of field statics.
10. CVS Velocity analysis.
11. NMO Normal moveout correction with stretch mute.
12. MUTE Muting of first breaks.
13. DECM Common midpoint stack.
14. PROM Bulk shift of 300 msec for easier section display.
15. STAT Application of mean statics.
16. SCALE Trace balance using 3 windows per trace.

DISCOVERY GEOPHYSICAL SERVICES

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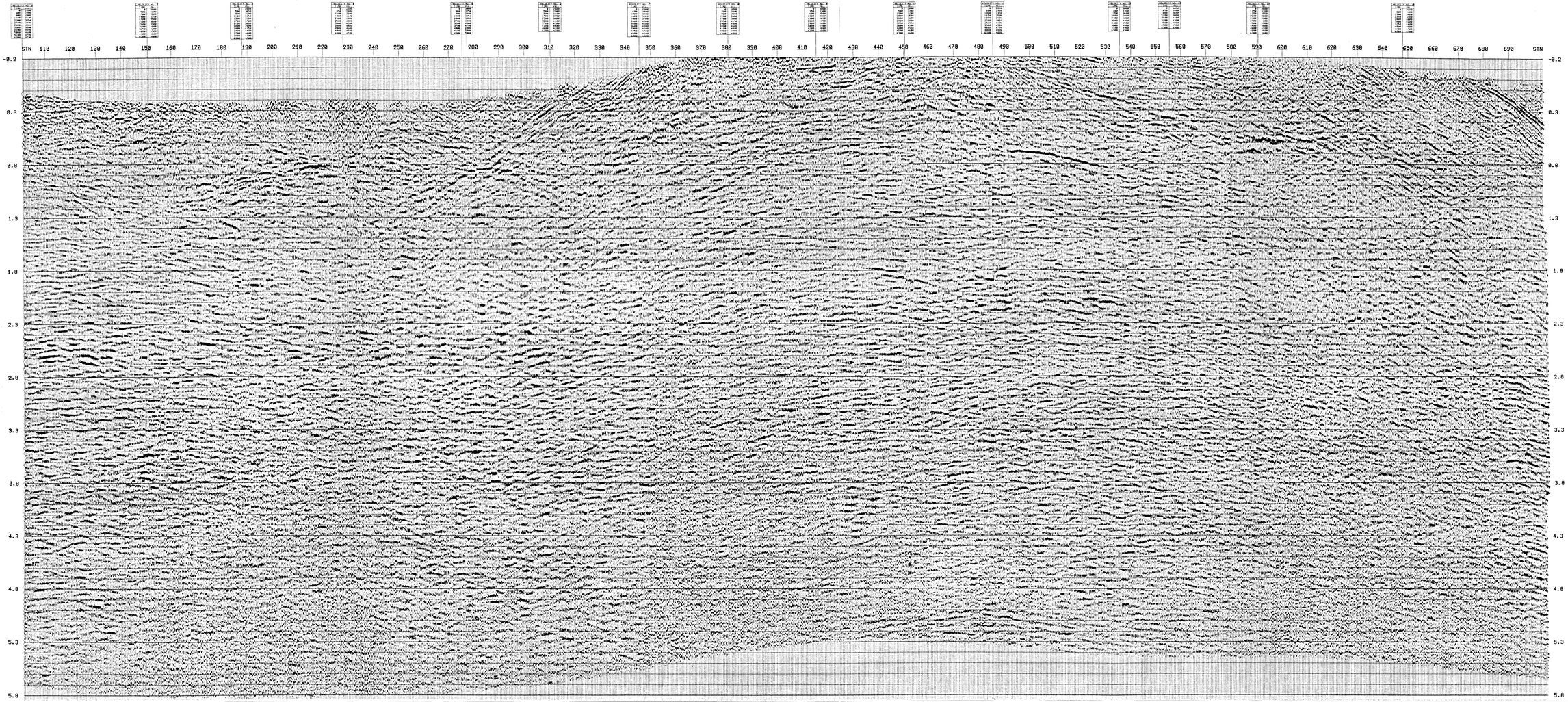
LINE PZE92.01-E92IT15.01 ALL SHOT POINT