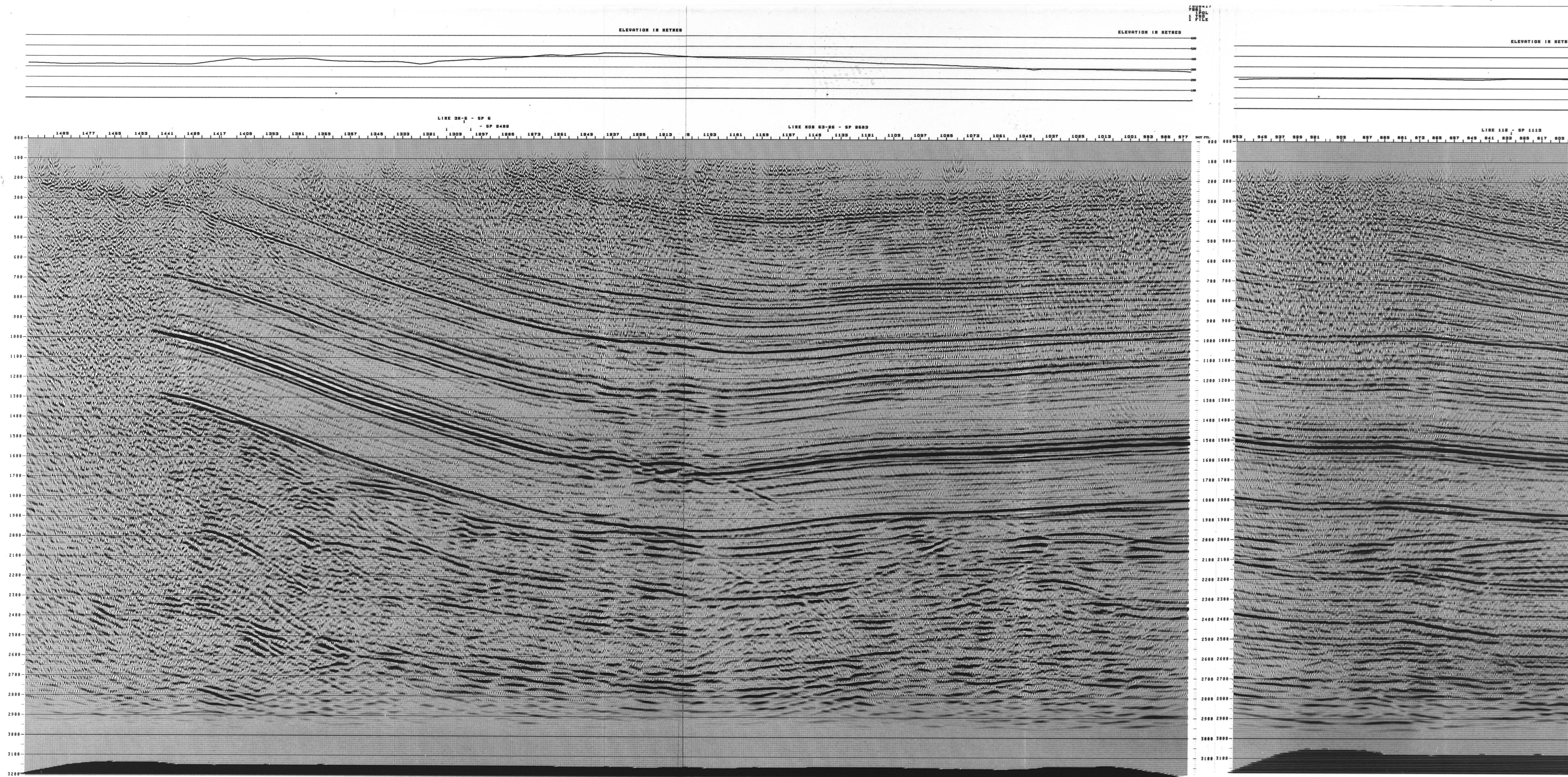
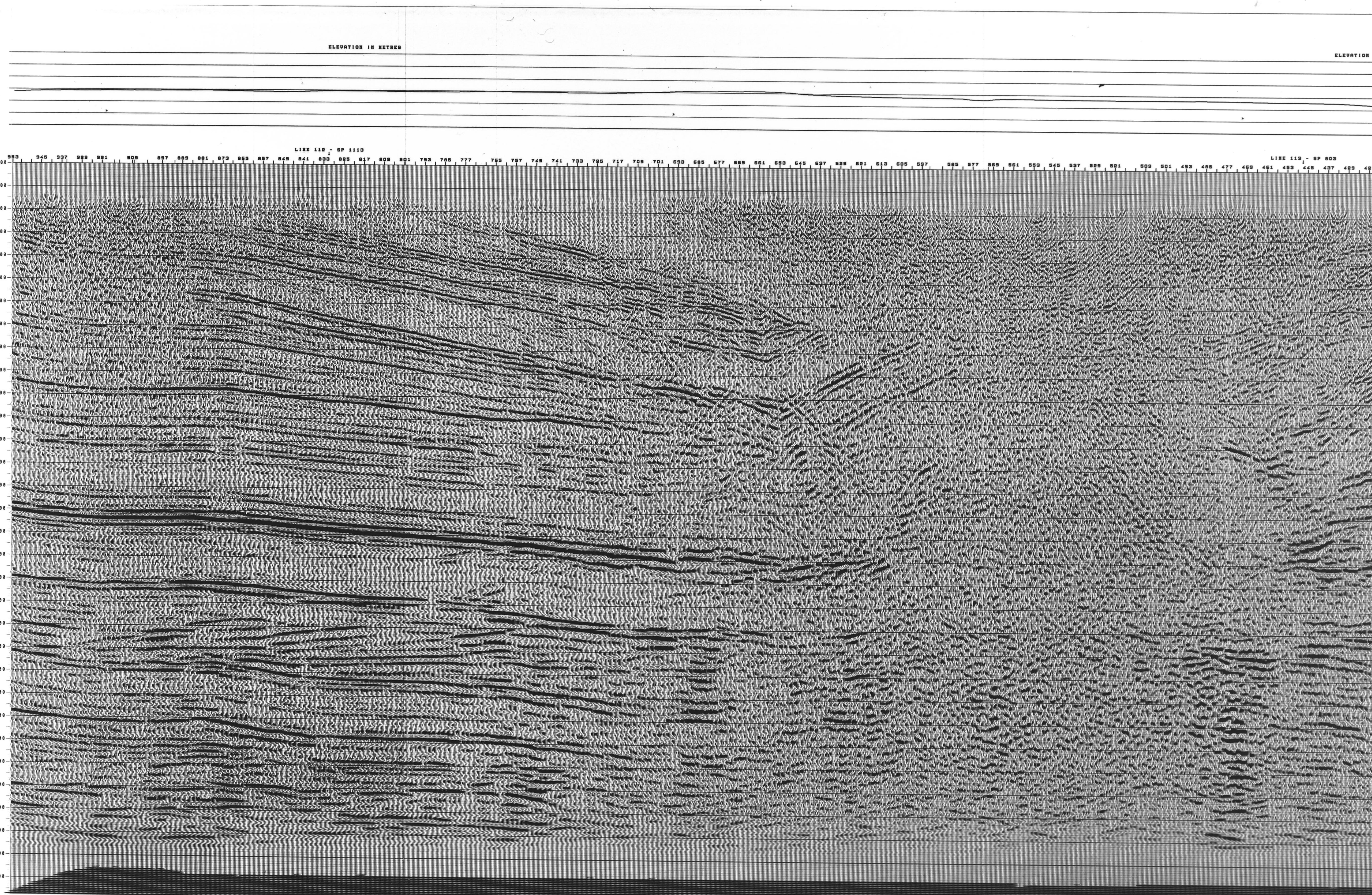
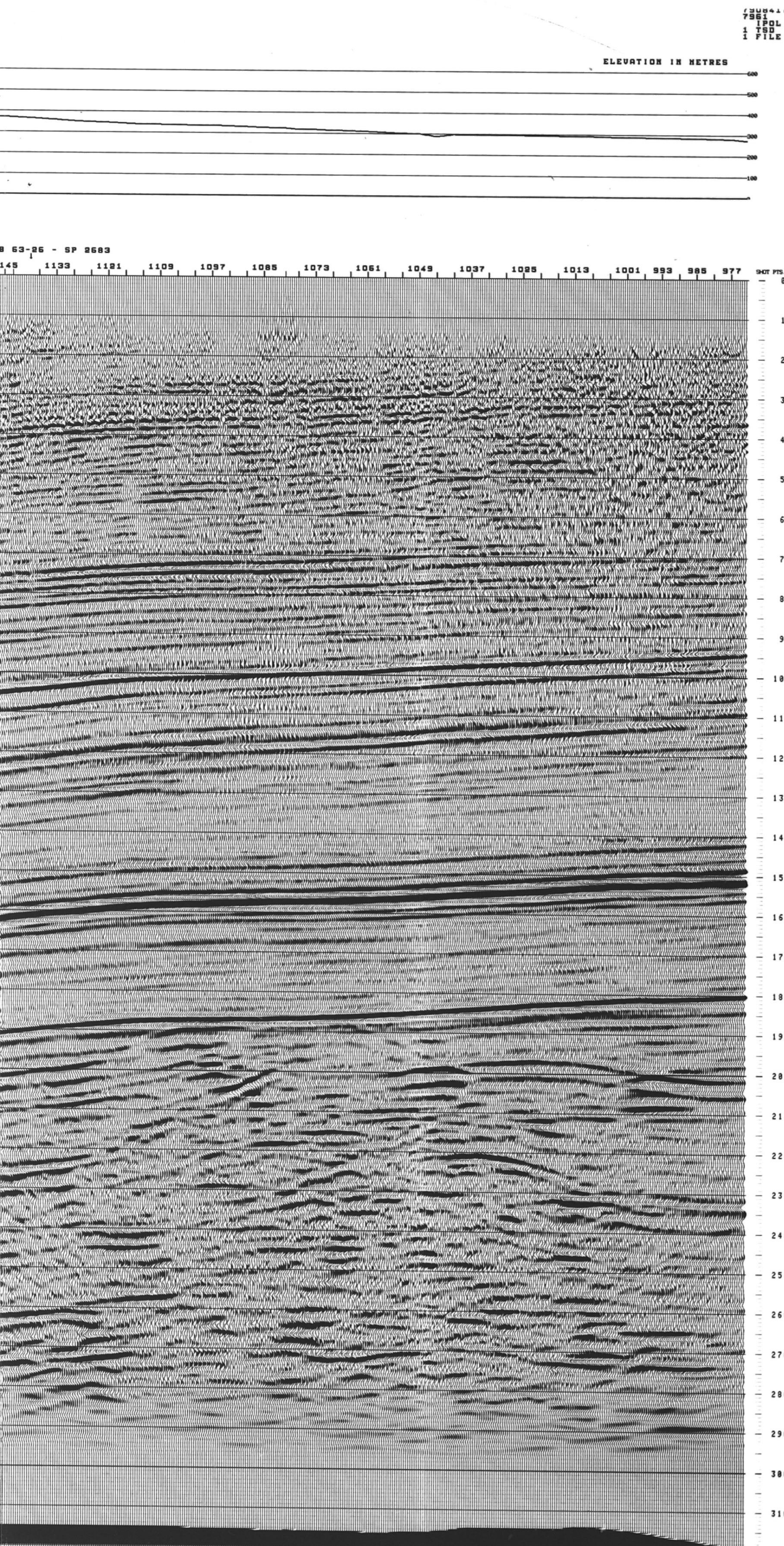








2080 Midway Rd.
Oshawa, Ont.
Canada K1G 3P5
Tel: (613) 731-9571
Telex: 053-3502
Cable: TERPA

PROJ. NO: 9 2 2 9

N 9 3 E

LINE NO: 1 1 7

PART NO: 3 of 3 R.R.10 x

PETREL CONSULTANTS LTD.

PROCESSED FOR
NSM RESOURCES LTD.
REVERSE POLARITY

AREA: LITTLE BEAR
LINE: 117
LOCATION: N.W.T.
NW 957 SHOT POINTS 181 SE

FIELD RECORDING

DATE: MARCH 1983
RECORDED BY: WESTERN GEOPHYSICAL
ENERGY SOURCE: DYNAMITE 1 HOLE AT 14 M
RECORDER TYPE: DFS-V SAMPLE RATE 2 NS
GAIN CONTROL: FLOATING POINT
FIELD FILTER: 12 - 120 HZ
GEOPHONES/GROUP: 9 AT 3.75 M TYPE: MARK 14 HZ
COVERAGE 1200% SHOT INT. 134 M GROUP INT. 33.5 M
1600 - 33.5 X 33.5 - 1600

COMPUTATIONS

STRUCTURAL DATUM 500 M
REPLACEMENT VELOCITY 3840 M/SEC

PROCESSING PARAMETERS

DATE: MAY 1983
1. DEMULTIPLY SAMPLE RATE 4 NS.
2. TRACE GATHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION TYPE: SPIKING
GATE: 800 - 2200 NS.
OPERATOR LENGTH: 72 NS.
PRE-WHITENING: 5 %
WELL TOT
5. NMO
6. STATIC CORRECTIONS ELEV/TOP/DRIFT
7. BRUTE STACK
8. COMMON OFFSET STACK
9. RNMO
10. AUTOMATIC RESIDUAL STATICS
GATE: 500 - 2000 NS.
11. FIRST BREAK RATE
TIME 9 DIST. 272
TIME 450 DIST. 300
TIME 770 DIST. 544
TIME 1400 DIST. 1632
12. STACK 1200%
13. FILTER 8-1650 NS., 20/26-70/85
1250-3000 NS., 16/23-65/75
14. TRACE EQUALIZATION
15. WAVE EQUATION MIGRATION 90% OF RMS VELOCITIES
16. FILM DISPLAY 24 TR/IN 7.5 IN/SEC

9229-N9-3E 1