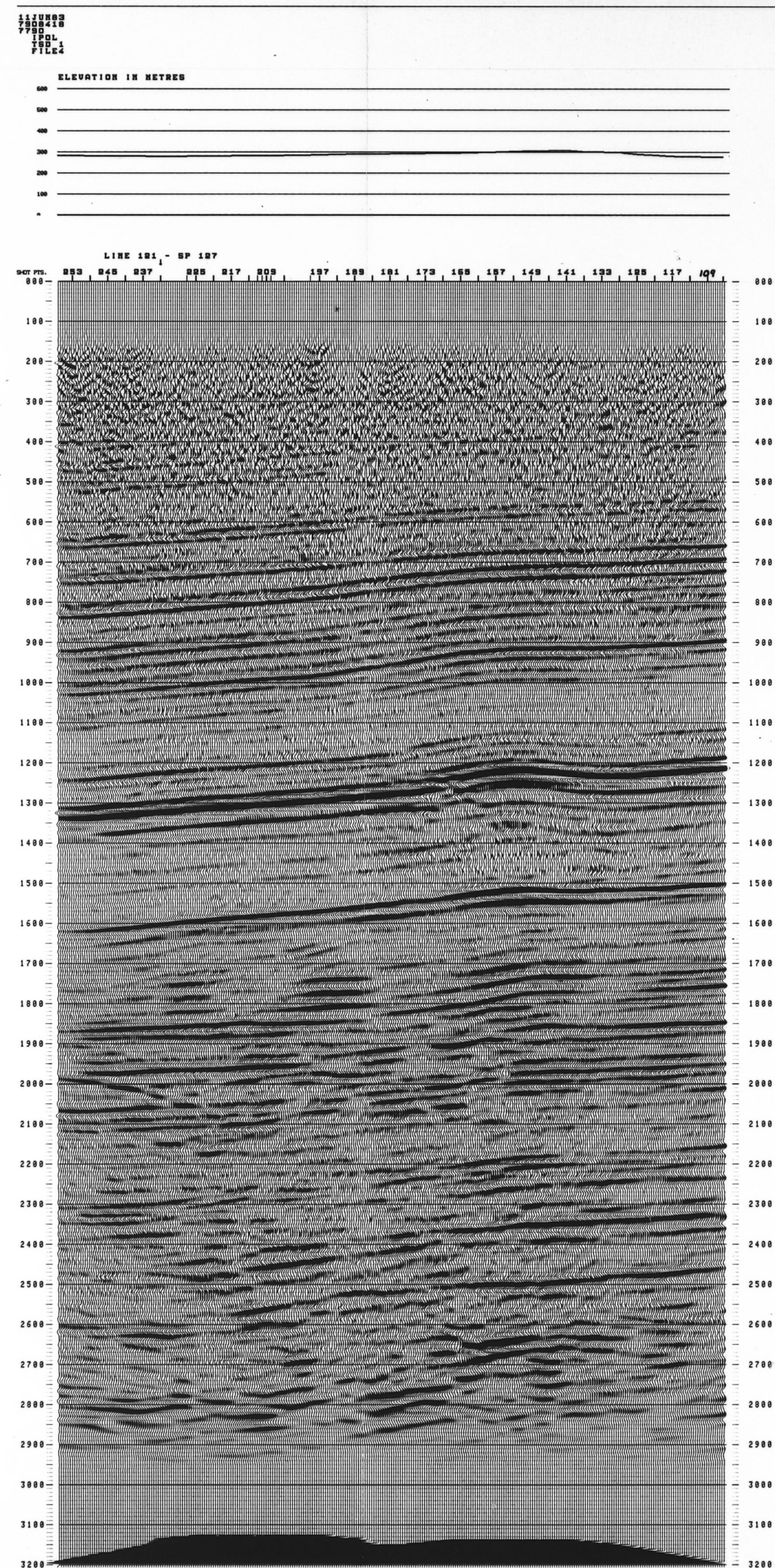




PETREL CONSULTANTS LTD.

PROCESSED FOR
 NSM RESOURCES LTD.
 REVERSE POLARITY
 AREA: LITTLE BEAR
 LINE: 122
 LOCATION: N.W.T.
 S 257 SHOT POINTS 105

FIELD RECORDING

DATE: MARCH 1983
RECORDED BY: WESTERN GEOPHYSICAL
ENERGY SOURCE: DYNAMITE 1 HOLE AT 14 M
RECORDER TYPE: DFS-U SAMPLE RATE 2 MS.
GAIN CONTROL: FLOATING POINT
FIELD FILTER: 12 - 128 HZ
GEOPHONES/GROUP: 9 AT 3.75 M TYPE: MARK 14 HZ
COVERAGE 1200S SHOT INT. 134 N GROUP INT. 33.5 M
1600 - 33.5 X 33.5 - 1600

COMPUTATIONS

STRUCTURAL DATUM	500 M
REPLACEMENT VELOCITY	3048 M/SEC

PROCESSING PARAMETERS

```
DATE: MAY 1983
1. DENOITIFLIER
SAMPLE RATE 4 MS.
2. TRACE GRABBER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION
TYPE: SPIKING
GATE: 800 - 2800 MS.
OPERATOR LENGTH: 72 MS.
PRE-WHITENING: 5 %
HELL TOT
ELEGU/DRIFT
5. NMO
6. STATIC CORRECTIONS
7. BRUTE STACK
8. COMMON OFFSET STACK
9. RNMO
10. AUTOMATIC RESIDUAL STATICS
GATE: 500 - 2800 MS.
11. FIRST BREAK MUTE
TIME 0 DIST. 272
TIME 450 DIST. 386
TIME 770 DIST. 544
TIME 1400 DIST. 1632
12. STACK 1200Z
0-1050 MS., 20/26-70/85
13. FILTER
1250-3000 MS., 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