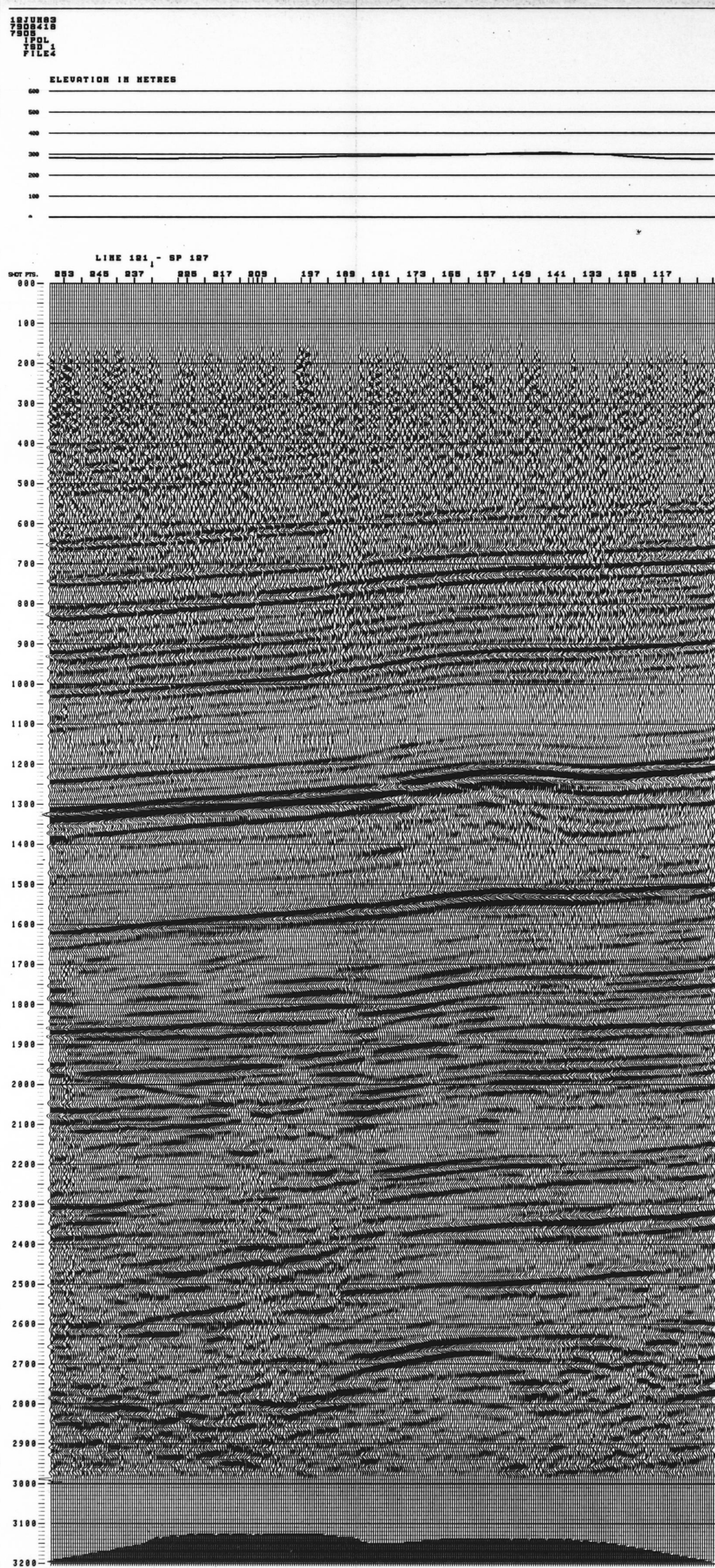




PETREL CONSULTANTS LTD.

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

FIELD RECORDING

DATE: MARCH 1993
RECORDED BY: WESTERN GEOPHYSICAL
ENERGY SOURCE: DYNAMITE 1 HOLE AT 14 M
RECORDER TYPE: DFS-V SAMPLE RATE 2 MS.
GAIN CONTROL: FLOATING POINT
FIELD FILTER: 12 - 120 HZ
GEOPHONES/GROUP: 9 AT 3.75 M TYPE: MARK 14 HZ
COVERAGE 1200X 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

1. DEMULTIPLY SAMPLE RATE 4 MS.
DATE: MAY 1993
2. TRACE GATHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION TYPE: SPIKING
GATE: 800 - 2200 MS.
OPERATOR LENGTH: 72 MS.
PRE-WHITENING: 5 %
WELL TOT
5. NMO
6. STATIC CORRECTIONS ELEV/TUR/DRIFT
7. BRUTE STACK
8. COMMON OFFSET STACK
9. RNMO
10. AUTOMATIC RESIDUAL STATICS GATE: 500 - 2000 MS.
11. FIRST BREAK MUTE TIME 0 DIST. 272
TIME 450 DIST. 306
TIME 770 DIST. 544
TIME 1400 DIST. 1632
12. STACK 1200X
13. FILTER 0-1000 HZ., 20/25-70/55
1250-3000 HZ., 16/23-65/75
14. TRACE EQUALIZATION
15. FILM DISPLAY 24 TR/IN 7.5 IN/SEC

92 29 - N9 - 3E