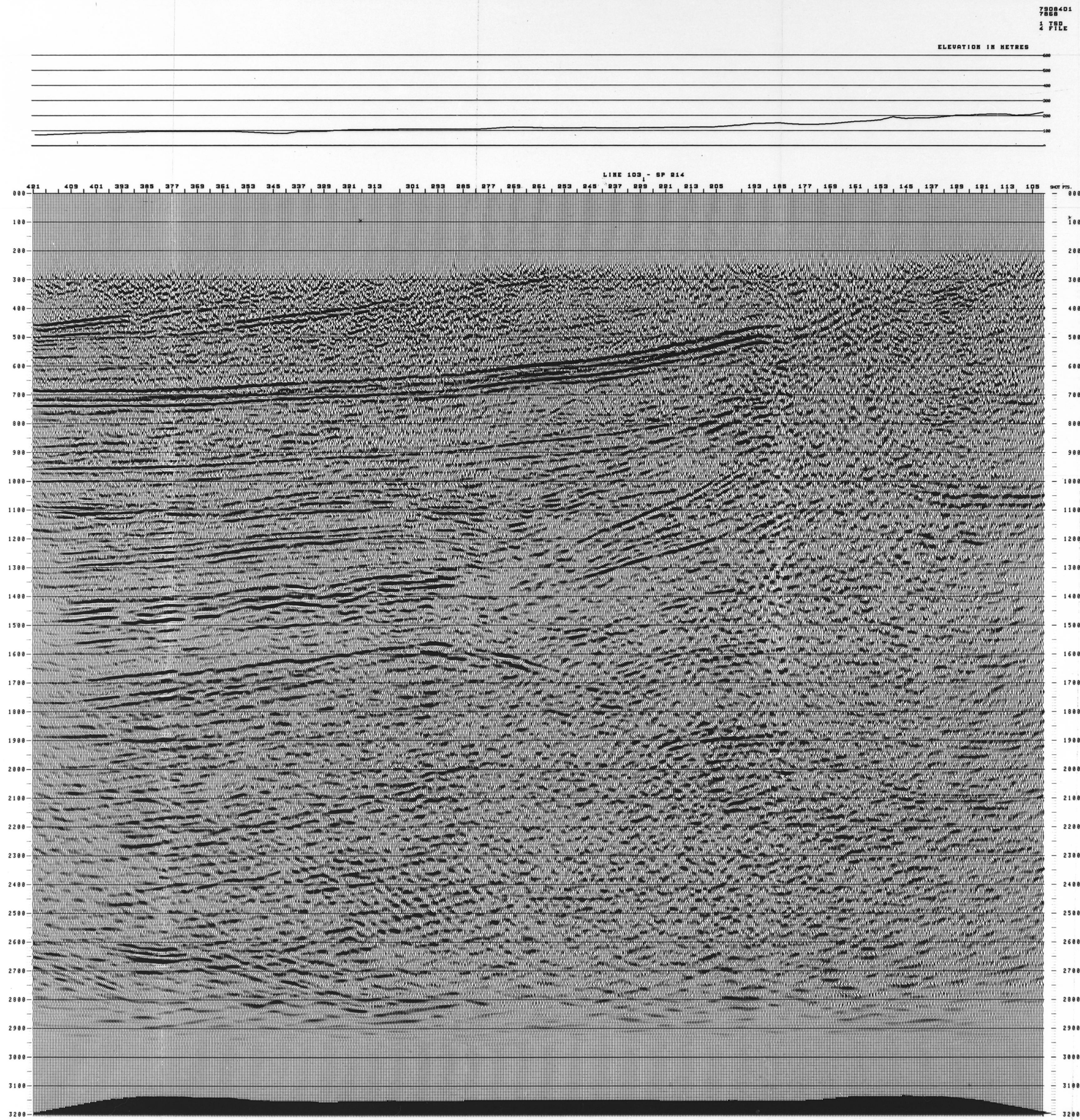




PETREL CONSULTANTS LTD.

PROCESSED FOR
NSM RESOURCES LTD.

NORMAL POLARITY
AREA: LITTLE BEAR
LINE: 104
LOCATION: N.W.T.
SW 421 SHOT POINTS 101 NE

FIELD RECORDING

DATE: MARCH 1983
RECORDED BY: WESTERN GEOPHYSICAL
ENERGY SOURCE: DYNAMITE 1 HOLE AT 14 M
REORDER TYPE: DFG-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 3640 M/SEC

PROCESSING PARAMETERS

DATE: MAY 1983
1. DEMULTIPLY
2. TRACE GATHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION
5. NMO
6. STATIC CORRECTIONS
7. BRUTE STACK
8. COMMON OFFSET STACK
9. RNMO
10. AUTOMATIC RESIDUAL STATICS
11. FIRST BREAK NOTE
12. STACK 1200%
13. FILTER
14. TRACE EQUALIZATION
15. WAVE EQUATION MIGRATION
16. FILM DISPLAY 24 TR/IN 7.5 IN/SEC

SAMPLE RATE 4 NS.
TYPE: SPIKING
GATE: 800 - 2200 NS.
OPERATOR LENGTH: 72 NS.
PRE-WHITENING: 5 %
WELL TOT
ELEV/TOR/DRIFT
GATE: 500 - 2000 NS.
TIME 0 DIST. 272
TIME 450 DIST. 306
TIME 770 DIST. 544
TIME 1400 DIST. 1632
0-1050 NS. 20/26-70/85
1250-3000 NS. 16/23-65/75
90% OF RMS VELOCITIES

9 2 2 9 - N 0 - SE