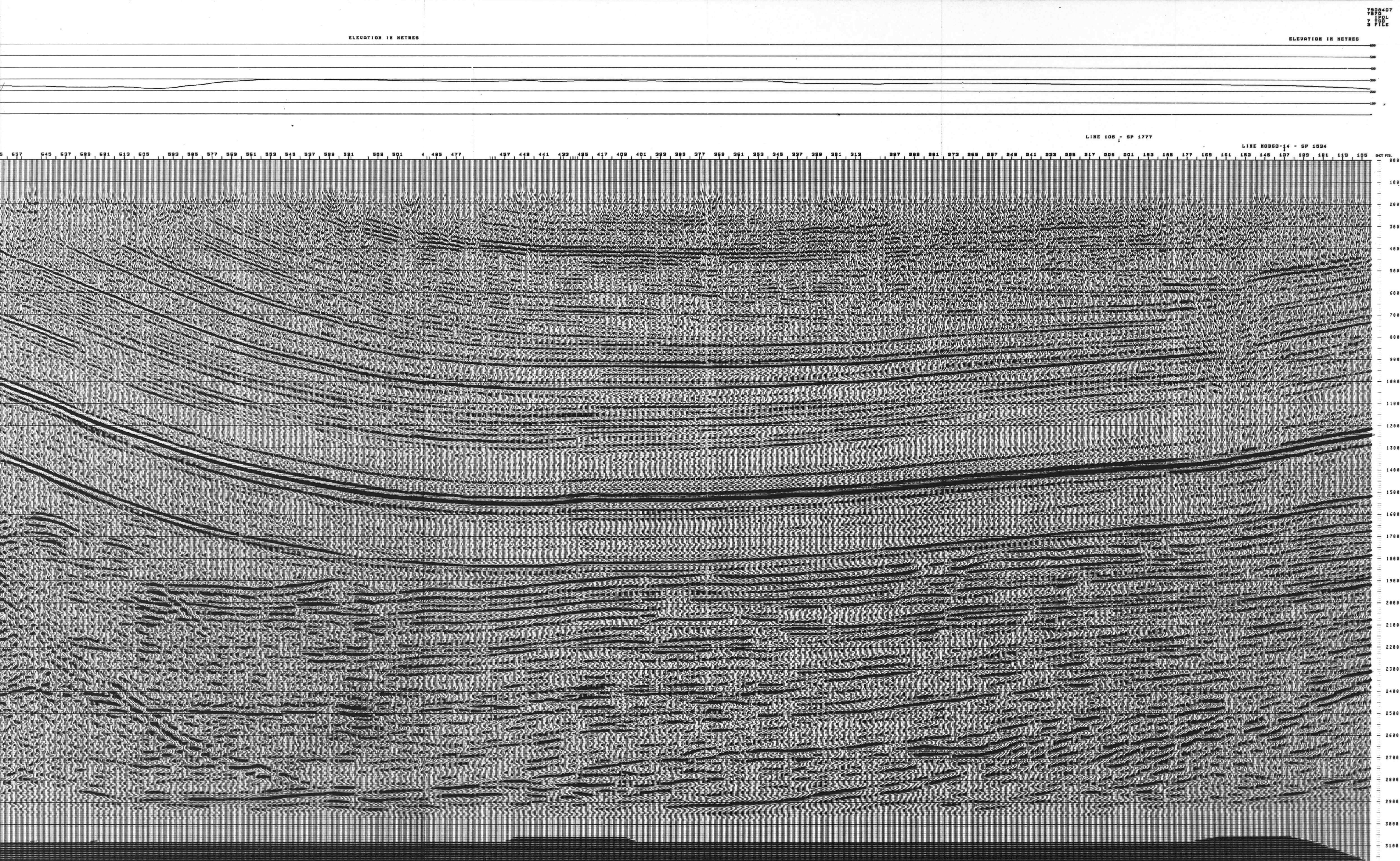




PETREL CONSULTANTS LTD.

PROCESSED FOR
NSM RESOURCES LTD.

REVERSE POLARITY
AREA: LITTLE BEAR
LINE: 108
LOCATION: N.W.T.
SW 831 SHOT POINTS 181 NE

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 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
2. TRACE GATHER
3. AMPLITUDE RECOVERY
4. DECONVOLUTION
5. NMO
6. STATIC CORRECTIONS
7. ROUTE STACK
8. COMMON OFFSET STACK
9. RMO
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 MS.
TYPE: SPIKING
GATE: 800 - 2200 MS.
OPERATOR LENGTH: 72 MS.
PRE-WHITENING: 5 %
WELL-TOT
ELEV/TOR/DRIFT
GATE: 500 - 2000 MS.
TIME 0 DIST. 272
TIME 450 DIST. 306
TIME 770 DIST. 544
TIME 1400 DIST. 1632
0-1050 MS., 20/26-70/85
1250-3000 MS., 16/23-65/75
90% OF RMS VELOCITIES

9 2 2 9 - N 9 - 3 5

