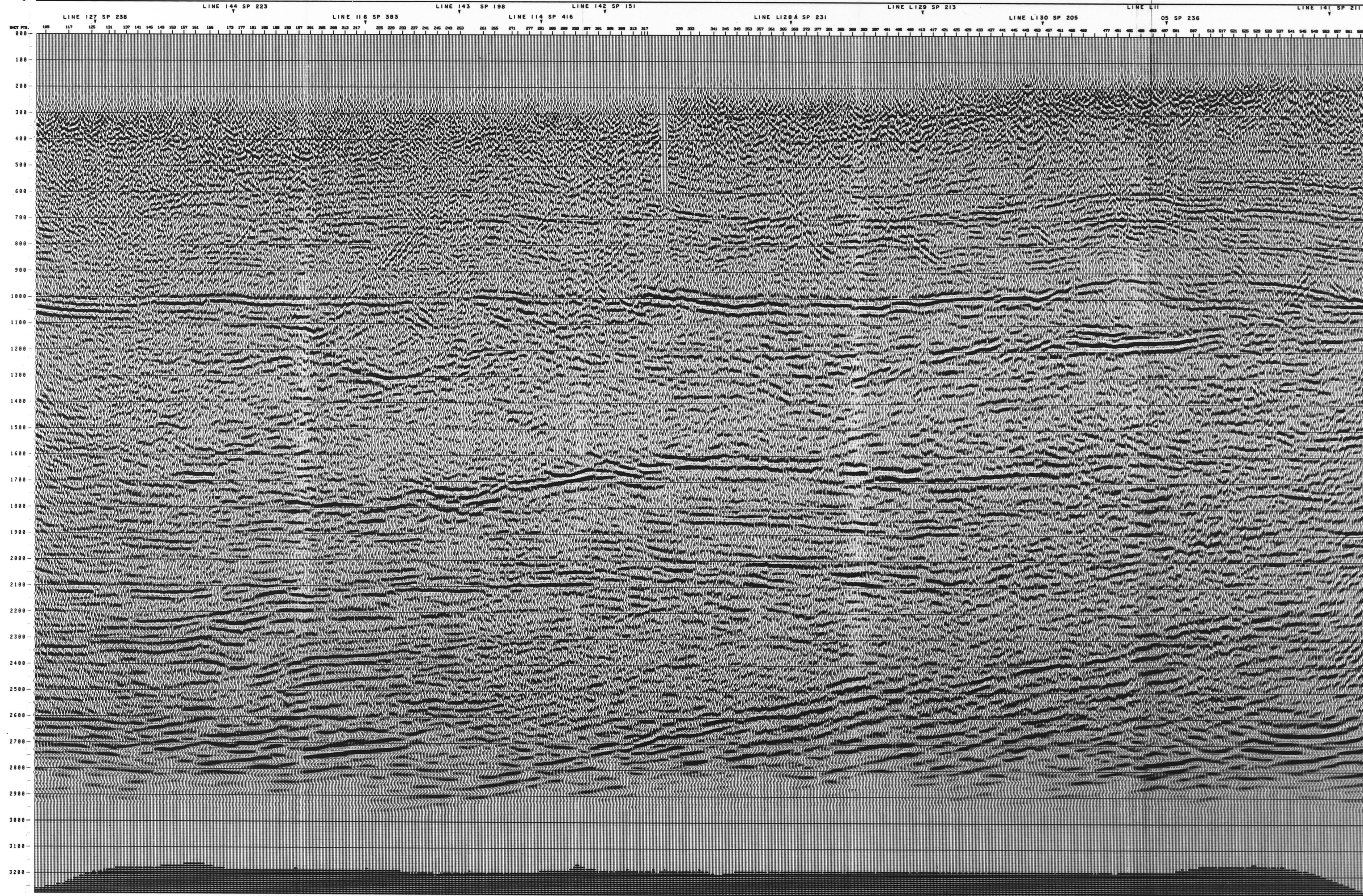


1460708
1000
1000
1000

ELEVATION IN METRES

ELEVATION IN METRES



PETREL SEISMIC PROCESSORS LTD
PROCESSING DATE: MAY 1985

NSM RESOURCES LTD

AREA: LITTLE BEAR
LINE: 146
PROVINCE: N.W.T.
NW 101 SHOT POINTS 573 SE

STRUCTURE SECTION

NORMAL POLARITY

ACQUISITION PARAMETERS

SHOT BY: WESTERN GEOPHYSICAL LTD
DATE: MAR-APR 1985
SPREAD: STATION INTERVAL 33.5 M
SHOT PT. INTERVAL 134 M 96
SPREAD (TR) 1600 M 33.5 X 33.5 1600 M
DIST. (M)
SOURCE: DYNAMITE
1 X 2 KG AT 14 M
RECEIVERS: LRS L-1011 14 HZ, 9 OVER 33.5M
INSTRUMENTS: DPS V 96 TRACE
NOTCH: 500
CATH MODE: 1PP
TAPE FORMAT: 8CH
FIELD FILTER: 8 - 120 HZ

PROCESSING PARAMETERS

1. DEMULTIPLEX SAMPLE RATE 2 MS
RECORD LENGTH 3 SEC.
2. TRACE GATHER
3. AMPLITUDE RECOVERY COEFFICIENTIAL
4. DECONVOLUTION TYPE: SPIKING
PRE-WHITENING: 800 - 2200 HZ
DESIGN WINDOW: 800 - 2200 HZ
OPERATOR LENGTH: 72 MS
APPLICATION WINDOW: 0 - 3 SEC.
5. VELOCITY ANALYSIS
6. NORMAL MOVEOUT
7. STRUCTURAL CORRECTIONS ELEVATION: MEASUREMENT, DRIFT
DATA ELEVATION: 500 M
DATA VELOCITY: 3040 M/SEC.
8. STATICS SURFACE CONSISTENT RESIDUAL
WINDOW: 500 - 2200 MS
MAXIMUM ALLOWED SHIFT: +/- 20 MS
MAXIMUM OFFSET INCLUDED: 1600 M
9. FIRST BREAK MUTING
TIME (MS): 500 800 1300 2200
DISTANCE (M): 270 800 1600 3264
10. STACK 1200 %
11. T-V FILTER 20/25 - 70/95 8 - 1800 HZ
10/25 - 65/75 1270 - 3000 HZ
12. EQUALIZATION NEAR WINDOW 800 - 2200 HZ
13. WAVE EQUATION MIGRATION 95% OF RMS VELOCITIES

DISPLAY PARAMETERS
VERTICAL PLOTTING SCALE: 7.5 INCHES/SEC.
HORIZONTAL PLOTTING SCALE: 24 TRACES/INCH

9 200-30-00