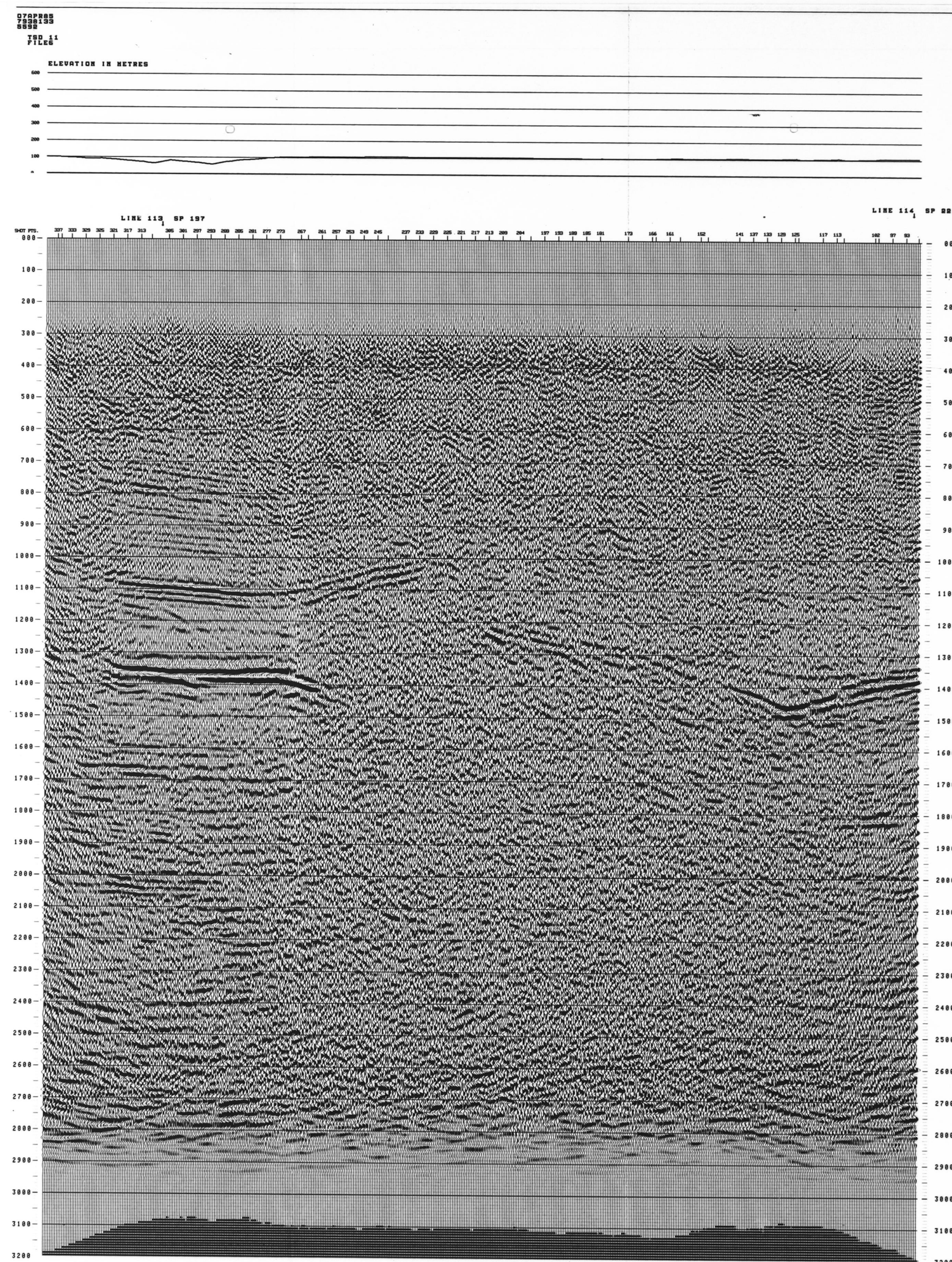




PETREL CONSULTANTS LTD.

NSM RESOURCES LTD

AREA:	LITTLE BEAR			
LINE:	127			
PROVINCE:	N.W.T.			
WEST	341	SHOT POINTS	89	EAST

STRUCTURE SECTION

NORMAL POLARITY

ACQUISITION PARAMETERS

SHOT BY: WESTERN GEOPHYSICAL LTD
DATE: DEC. 1984
SPREAD: STATION INTERVAL 33.5 M
SHOT PT. INTERVAL 164 M
SPREAD (TR) 1 48 49 96
DIST. (N) 1688 N 33.5 X 33.5 1688 N
SOURCE: DYNAMITE
1 X 2 KG AT 14 N
RECEIVERS: LRS 1-1011 14 HZ, 9 OVER 33.5M
INSTRUMENTS: DPS O 96 TRACE
OUT:
GAIN MODE: 1FF
TAPE FORMAT: SC99
FIELD FILTER: 8 - 128 HZ

PROCESSING PARAMETERS

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1. DEMULTIPLY          COPIES PER LINE 2 SEC.
2. TRACE GATHER
3. AMPLITUDE RECOVERY  EXPONENTIAL
4. DECONVOLUTION       TYPE:          SPIKING
                        PRE-WHITENING: 4.0 H
                        DESIGN WINDOW:  800 - 220 MS
                        OPERATOR LENGTH: 66 MS
                        APPLICATION WINDOW: 8 - 3 SEC.
5. VELOCITY ANALYSIS
6. NORMAL MOVEOUT
7. STRUCTURAL CORRECTIONS
                        SURFACE HEATING, DRIFT
                        SURFACE ELEVATION: 500 M
                        DATUM VELOCITY: 2000 M/SEC.
8. STATICS
                        NORTH-CORRELATED RESIDUAL
                        WINDOW: 500 - 650 MS
                        MAXIMUM ALLOWED DRIFT +/- 20 MS
                        MAXIMUM DRIFT: 1600 M
9. FIRST BREAK CUTTING
   DISTANCE(M): 278      805      1500      3264
   TIME(MSEC): 5148      808      1380      2288
10. STACK              1200 K
11. T-V FILTER         28/26 - 78/95      8 - 1850 MS
                        65/75 - 1278
12. EQUALIZATION        HORN WINDOW 800 - 2200 MS.
13. WAVE EQUATION MIGRATION
                        98% OF RMS VELOCITIES

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DISPLAY PARAMETERS

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

9229 - N9 - 6E