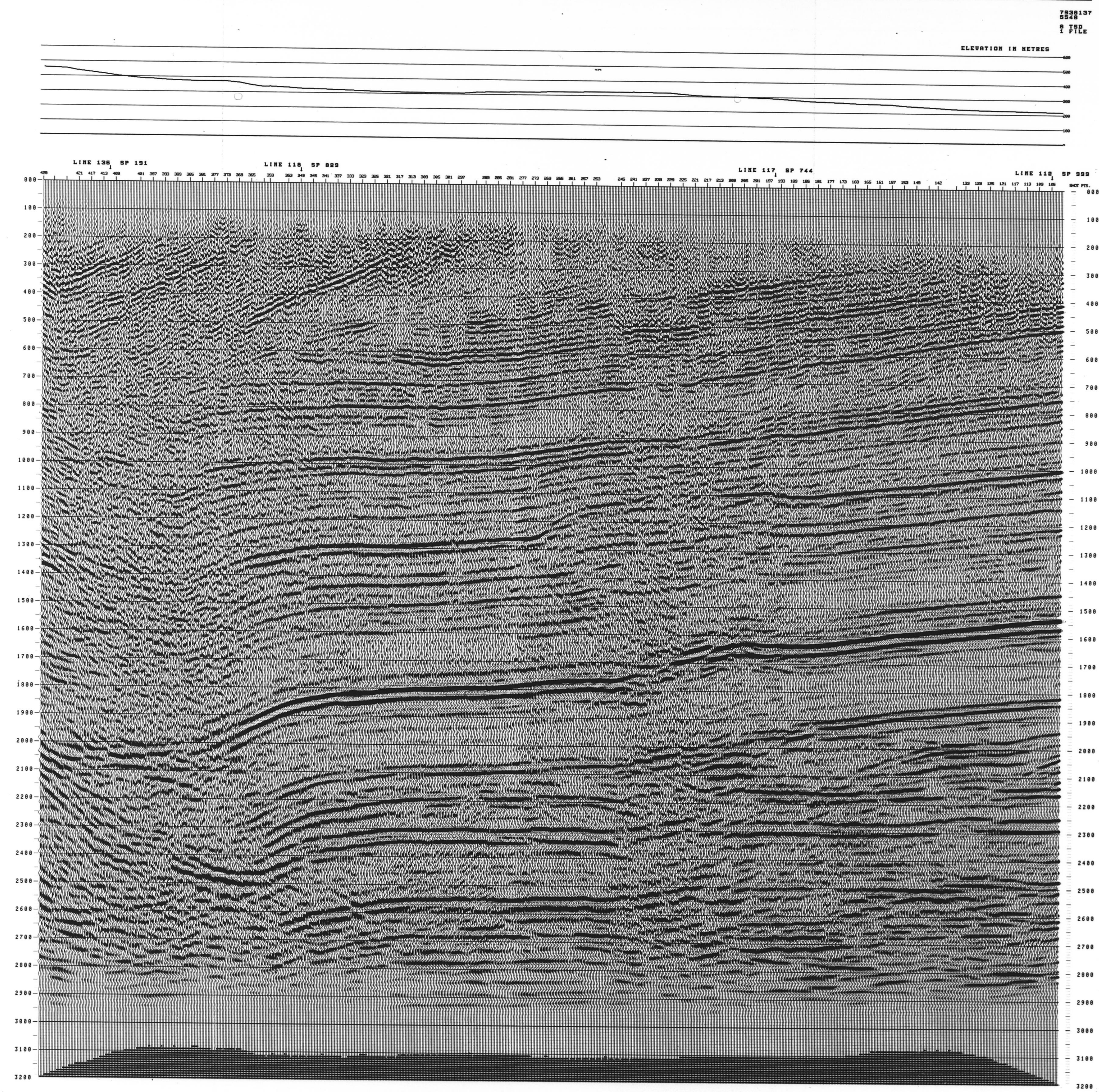




PETREL CONSULTANTS LTD.	
PROCESSING DATE: FEB 1985	
NSM RESOURCES LTD	
AREA:	LITTLE BEAR
LINE:	137
PROVINCE:	N.W.T.
SOUTH 433	SHOT POINTS 101 NORTH
STRUCTURE SECTION	
NORMAL POLARITY	
ACQUISITION PARAMETERS	
SHOT BY:	WESTERN GEOPHYSICAL LTD
DATE:	DEC. 1984
SPREAD:	STATION INTERVAL 33.5 M SHOT PT. INTERVAL 134 M SPREAD (TR) 40 DIST. (M) 1600 M 33.5 X 33.5 1600 M
SOURCE:	DYNAMITE 1 X 2 KG AT 14 M
RECEIVERS:	LRS L-1011 14 MZ, 9 OVER 33.5M
INSTRUMENTS:	QFS U 96 TRACE NOTCH: 0.5 GAIN MODE: 1PP TAPE FORMAT: SEC9 FIELD FILTER: 8 - 120 HZ
PROCESSING PARAMETERS	
1. DEMULTIPLEX	SAMPLE RATE 2 MS RECORD LENGTH 3 SEC.
2. TRACE GATHER	
3. AMPLITUDE RECOVERY	EXPONENTIAL
4. DECONVOLUTION	TYPE: SPKING PRE-HATTENING: 4.0 S DESIGN WINDOW: 800 - 2200 MS OPERATOR LENGTH: 64 MS APPLICATION WINDOW: 0 - 3 SEC.
5. VELOCITY ANALYSIS	
6. NORMAL MOVEOUT	
7. STRUCTURAL CORRECTIONS	ELEVATION, WEATHERING, DRIFT DATA ELEVATION: 500 M DATA VELOCITY: 3040 M/SEC.
8. STATICS	SURFACE CONSISTENT RESIDUAL WINDOW: 500 - 2000 MS MAXIMUM ALLOWED SHIFT: +/- 20 MS MAXIMUM OFFSET INCLUDED: 1600 M
9. FIRST BREAK MUTING	DISTANCE(M) 270 805 1600 3264 TIME(MS) 540 800 1300 2200
10. STACK	1200 %
11. T-U FILTER	20/25 - 70/95 0 - 1000 MS 15/25 - 65/75 1270 - 3000 MS
12. EQUALIZATION	NEAR WINDOW 800 - 2200 MS.
13. WAVE EQUATION MIGRATION	YES OF RMS VELOCITIES
DISPLAY PARAMETERS	
VERTICAL PLOTTING SCALE:	7.5 INCHES/SEC.
HORIZONTAL PLOTTING SCALE:	24 TRACES/INCH

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