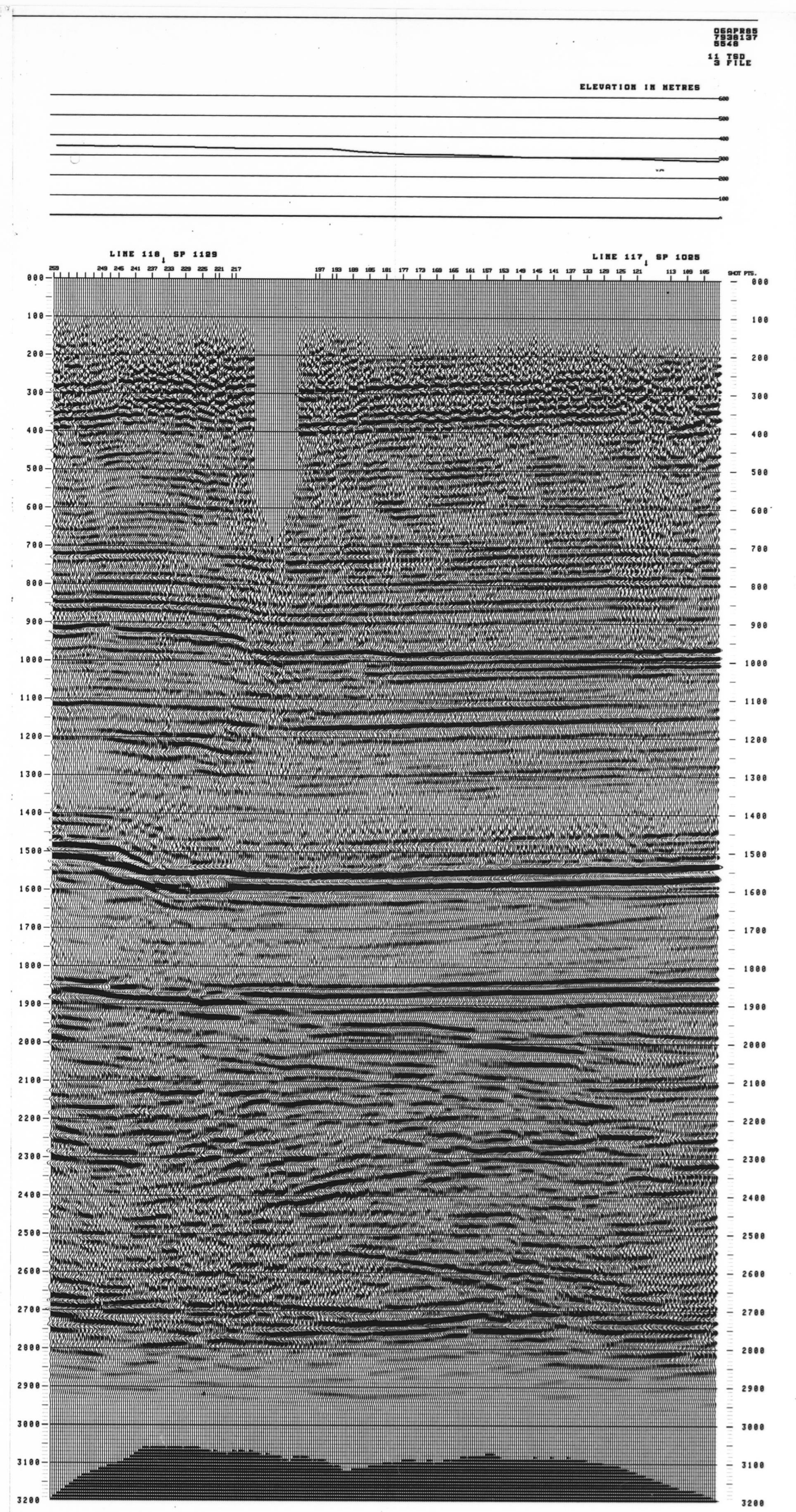
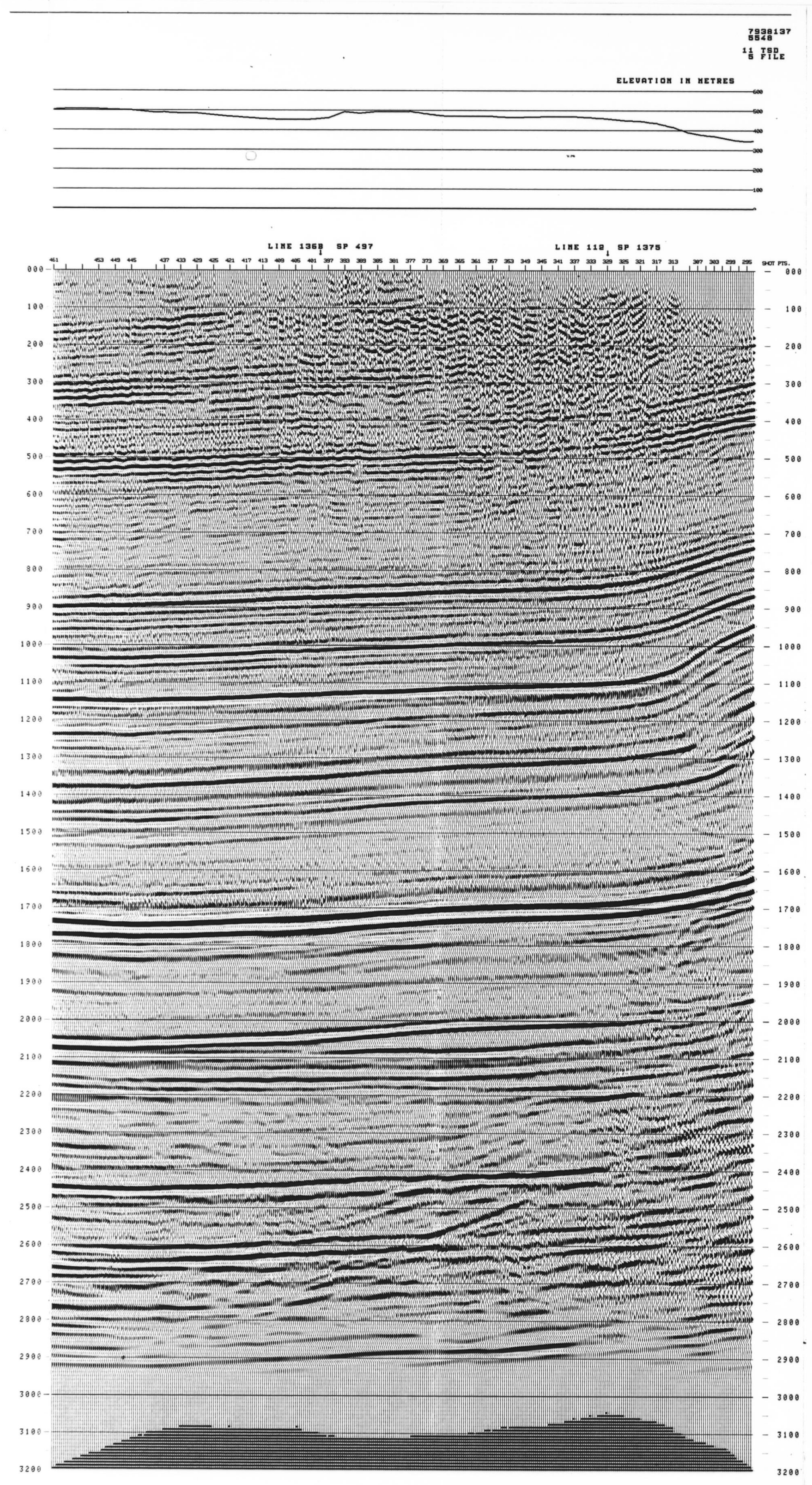




PETREL CONSULTANTS LTD.	
PROCESSING DATE: FEB 1985	
NSM RESOURCES LTD	
AREA:	LITTLE BEAR
LINE:	139
PROVINCE:	N.W.T.
SOUTH 465	SHOT POINTS 101 NORTH
STRUCTURE SECTION	
NORMAL POLARITY	
ACQUISITION PARAMETERS	
SHOT BY:	WESTERN GEOPHYSICAL LTD
DATE:	DEC. 1984
SPREAD:	STATION INTERVAL 33.5 M SHOT PT. INTERVAL 33.4 M SPREAD (TR) 1600 M 33.5 X 33.5 1600 M 96 DIST. (M)
SOURCE:	DYNAMITE 1 X 2 KG AT 14 M
RECEIVERS:	LRS L-1011 14 HZ, 9 OVER 33.5 M
INSTRUMENTS:	DFS V 96 TRACE NOTCH OUT GAIN MODE LTP TAPE FORMAT SEC8 FIELD FILTER 0 - 120 HZ
PROCESSING PARAMETERS	
1. DEMULTIPLEX	SAMPLE RATE 2 NS RECORD LENGTH 3 SEC.
2. TRACE GATHER	
3. AMPLITUDE RECOVERY	EXPONENTIAL
4. DECONVOLUTION	TYPE: SPIKING PRE-WHITENING: 4.0 % DESIGN WINDOW: 800 - 2200 NS OPERATOR LENGTH: 56 NS APPLICATION WINDOW: 0 - 5 SEC.
5. VELOCITY ANALYSIS	
6. NORMAL MOVEOUT	
7. STRUCTURAL CORRECTIONS	ELEVATION, WEATHERING, DRIFT DATUM ELEVATION: 500 M DATUM VELOCITY: 3840 M/SEC.
8. STATICS	SURFACE CONSISTENT RESIDUAL WINDOW: 500 - 2000 NS MAXIMUM ALLOWED SHIFT: +/- 20 NS MAXIMUM OFFSET INCLUDED: 1600 M
9. FIRST BREAK MUTING	DISTANCE(M) 270 800 1600 3200 TIME(S) 140 800 1300 2200
10. STACK	1200 %
11. T-V FILTER	20/25 - 70/85 1270 - 1800 NS 15/25 - 65/75 1270 - 3000 NS
12. EQUALIZATION	NEAR WINDOW 800 - 2200 NS.
13. WAVE EQUATION MIGRATION	95% OF RMS VELOCITIES
DISPLAY PARAMETERS	
VERTICAL PLOTTING SCALE:	7.5 INCHES/SEC.
HORIZONTAL PLOTTING SCALE:	24 TRACES/INCH

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