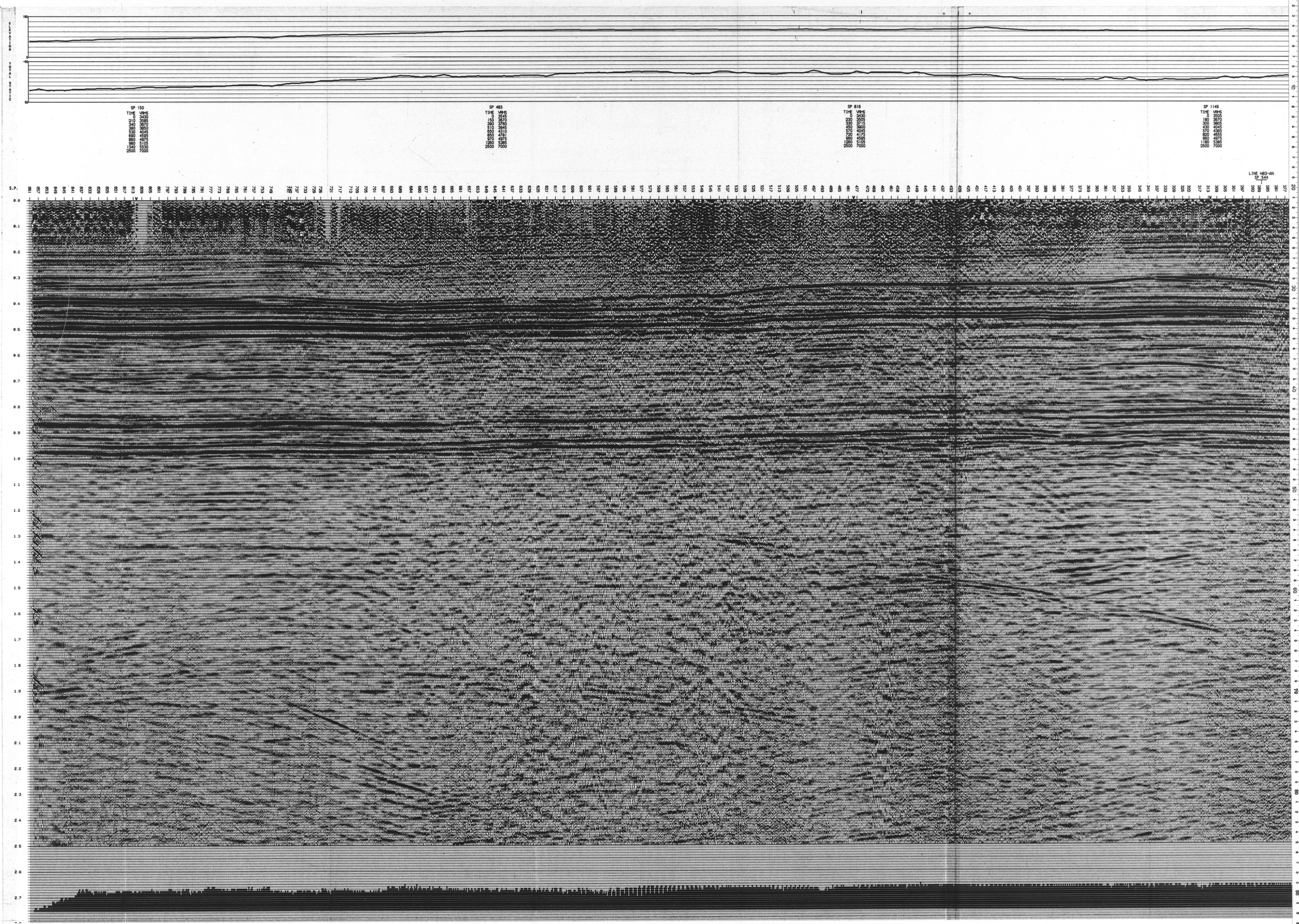
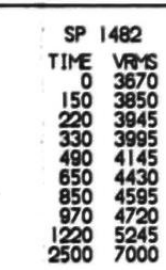




NOVA MARKER
U.S.A. GEOPHYSICAL INSTRUMENTATION
CANADIAN INSTRUMENTATION
NOVA MARKER SYSTEM CALIBRATION



LINE W83-NA
SP 73-861
S.E. 

CARCAJOU

	SEFEL GEOGRAPHICAL SEISMO DATA PROCESSING CALGARY CANADA	DATE PROCESSED JUNE 1983 Q.C. GEOLOGICIST PAUL CHERNOFF
FIELD RECORDING		
SHOT BY DATE SHOT PARTY SOURCE CHARGE SIZE SHOT DATA INTERVAL PATTERN DEPTH GEOPHONE DATA PATTERN TYPE NUMBER OF GROUPS SPREAD INSTRUMENT TYPE TAPE FORMAT GAIN MODE FIELD FILTER NOTCH FILTER SAMPLE INTERVAL	WESTERN GEOGRAPHICAL APRIL 1983 367 DYNAMITE 1 60 M 2 HOLES OVER 30 M 13 M 15 M 9 OVER 15 M MARK - 30 HZ 98 750-45-X-45-750 M DFS V SEGB IFP 16/128 HZ OUT 2 MS	
DIGITAL PROCESSING		
1 DEMULTIPLYX AND BINARY GAIN REMOVAL RECORD LENGTH 2.5 SECONDS SAMPLE INTERVAL 2 MS		
2 COP GATHERS FOLD 1200 PERCENT		
3 AUTOMATIC GAIN RECOVERY		
4 DATUM AND WEATHERING STATISTICS DATUM 100 M REPLACEMENT VELOCITY 3500 M/SEC WEATHERING VELOCITY 610 M/SEC		
5 VELOCITY FILTER ATTENUATE EVENTS WITH AN APPARENT VELOCITY LESS THAN 2900 M/SEC		
6 INSTRUMENT PHASE COMPENSATION		
7 SPIKING DECONVOLUTION OPERATOR LENGTH 80 MS PREHINTENING 4 PERCENT WINDOW 100 TO 1500 MS AT 45 M 300 TO 1700 MS AT 750 M		
8 SURFACE CONSISTENT RESIDUAL STATISTICS WINDOW 300 TO 1300 MS MAX CORRELATION LAG +/-40 MS		
9 VELOCITY ANALYSIS CONSTANT VELOCITY STACKS		
10 NORMAL MOVEOUT		
11 SURFACE CONSISTENT RESIDUAL STATISTICS WINDOW 300 TO 1300 MS MAX CORRELATION LAG +/-30 MS		
12 MUTE 0 MS AT 135 M 150 MS AT 150 M 300 MS AT 750 M		
13 COP STACK 1200 PERCENT		
14 BANDPASS FILTER 9/15-100/110 HZ		
15 EQUALIZATION		
16 FILM DISPLAY		
24 TPI 10 IN/SEC		
NORMAL POLARITY		