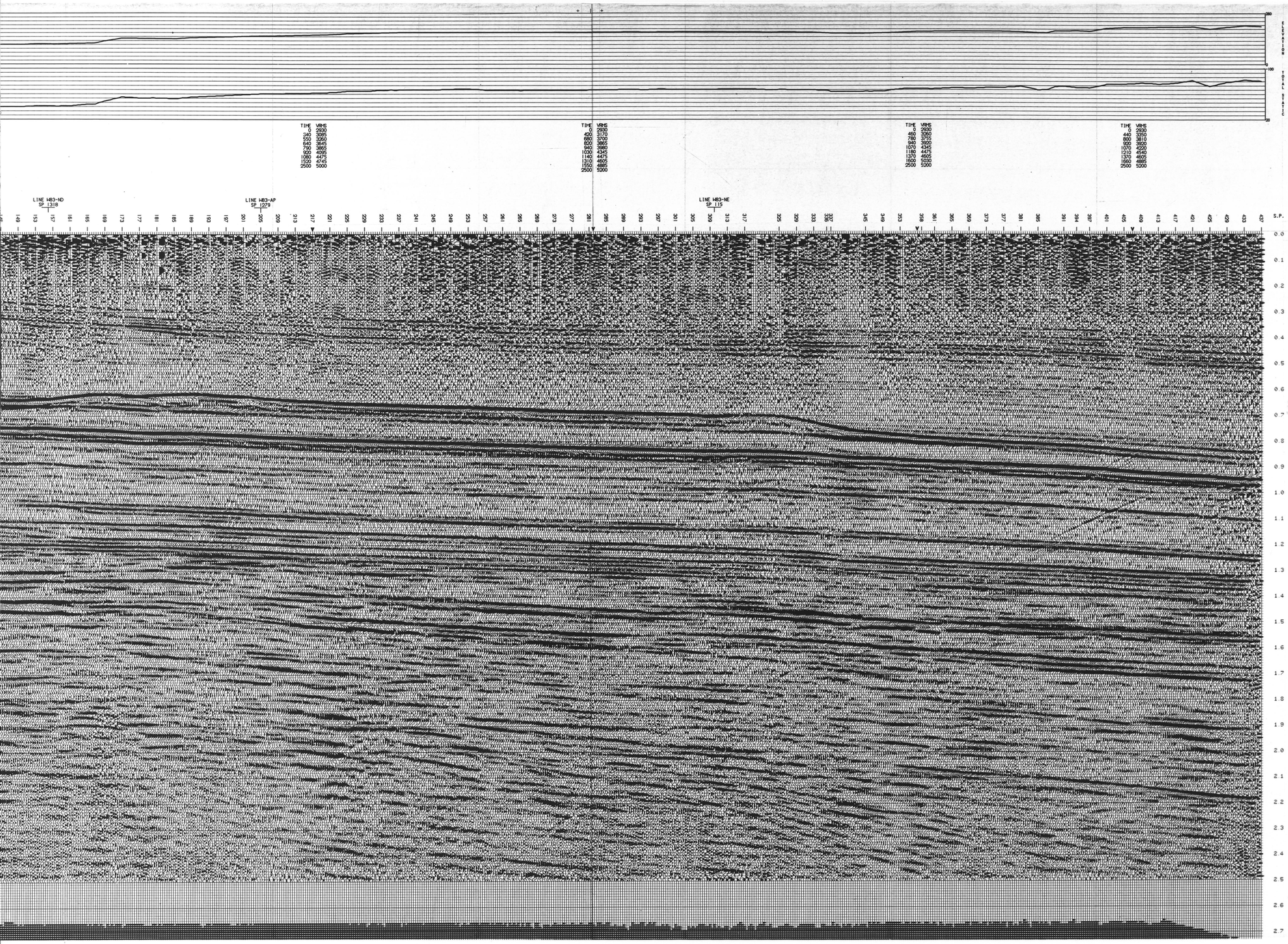


Terra Survey Inc.
2060 Walkley Rd.
Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex 053-3502
Cable: TERRA

PROJ. NO. 9229 T21 1E

LINE NO. W83-AQ

PART NO. 1 OF 2

R.R. 10X

9229-T21-1E

9229-T21-1E

#14715
W83-AQ

LINE W83-AQ

SP 437-102

S.W.

STRUCTURE STACK

TEXACO CANADA RESOURCES

NORMAN WELLS

SEFEL GEOPHYSICAL
SEISMIC DATA PROCESSING
CALGARY CANADA

DATE PROCESSED
MAY 1983

G.C. GEOPHYSICIST
PAUL CHERNOFF

FIELD RECORDING

SHOT BY	WESTERN GEOPHYSICAL
DATE SHOT	MARCH 1983
PARTY	367
SOURCE	DYNAMITE
CHARGE SIZE	2 KG
SHOT DATA	
INTERVAL	134 M
PATTERN	1 HOLE
DEPTH	14 M
GEOPHONE DATA	
INTERVAL	33.5 M
PATTERN	9 OVER 33.5 M
TYPE	MARK - 30 HZ
NUMBER OF GROUPS	96
SPREAD	1608-33.5-X-33.5-1608 M
INSTRUMENT TYPE	DFS V
TAPE FORMAT	SEGB
GAIN MODE	IFP
FIELD FILTER	12/128 HZ
NOTCH FILTER	OUT
SAMPLE INTERVAL	2 MS

DIGITAL PROCESSING

1 DEMULTIPLEX AND BINARY GAIN REMOVAL
RECORD LENGTH 2.5 SECONDS
SAMPLE INTERVAL 2 MS

2 CDP GATHERS
FOLD 1200 PERCENT

3 AUTOMATIC GAIN RECOVERY

4 INSTRUMENT PHASE COMPENSATION

5 SPIKING DECONVOLUTION
OPERATOR LENGTH 80 MS
PREWHITENING 1 PERCENT
WINDOW 200 TO 1600 MS AT 34 M
750 TO 2150 MS AT 1608 M

6 DATUM AND WEATHERING STATICS
DATUM 100 M
REPLACEMENT VELOCITY 3000 M/SEC
WEATHERING VELOCITY 610 M/SEC

7 SURFACE CONSISTENT RESIDUAL STATICS
WINDOW 450 TO 1600 MS
MAX CORRELATION LAG +/- 40 MS

8 VELOCITY ANALYSIS
CONSTANT VELOCITY STACKS

9 NORMAL MOVEOUT

10 SURFACE CONSISTENT RESIDUAL STATICS
WINDOW 450 TO 1600 MS
MAX CORRELATION LAG +/- 20 MS

11 MUTE
0 MS AT 234 M
300 MS AT 268 M
600 MS AT 1005 M
800 MS AT 1608 M

12 CDP STACK
1200 PERCENT

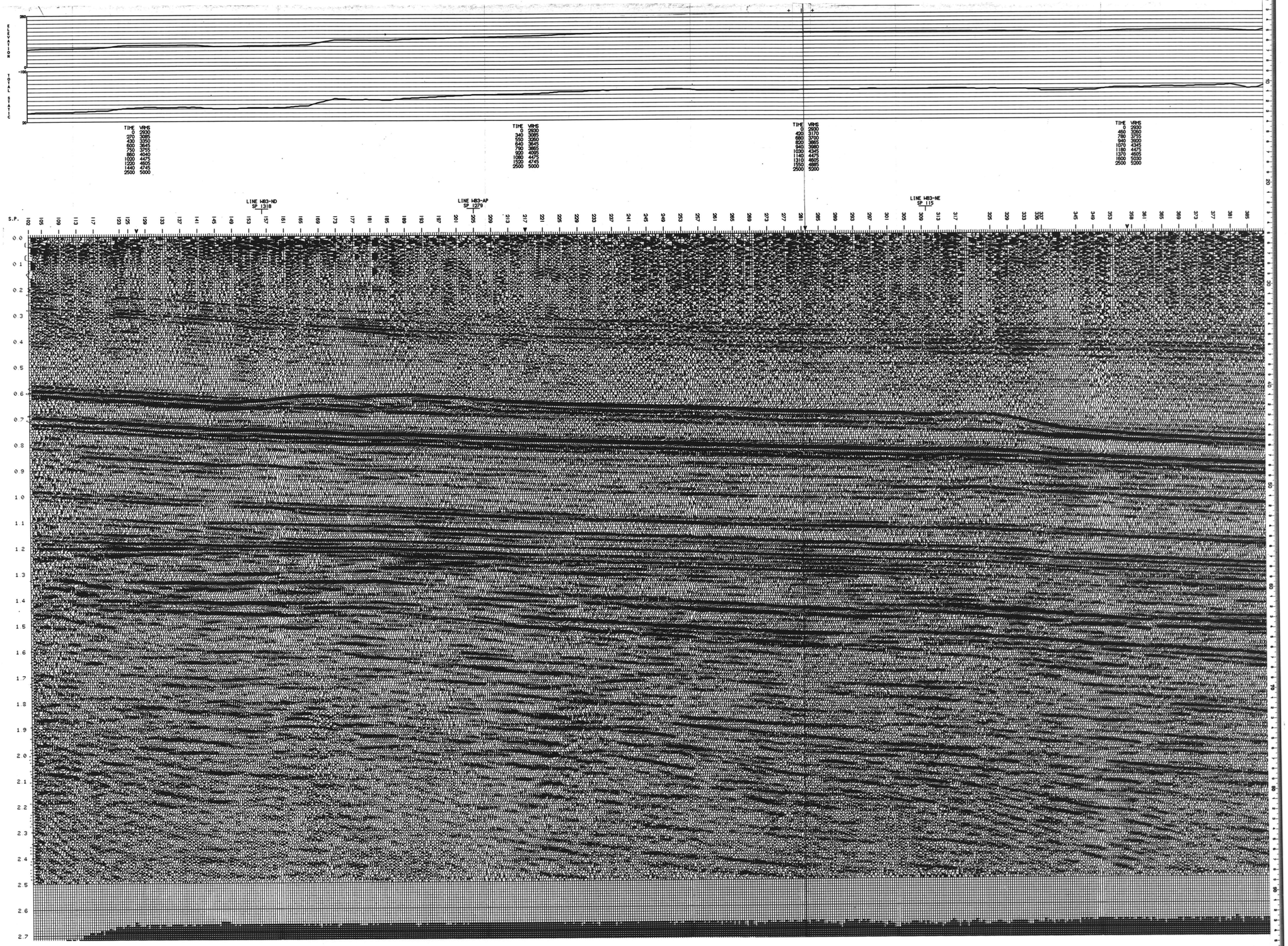
13 BANDPASS FILTER
12/18-90/100 HZ

14 EQUALIZATION

15 FILM DISPLAY

12 TPI
10 IN/SEC

NORMAL POLARITY



Terra Search

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PART NO. 2 OF 2

R.R. 10X