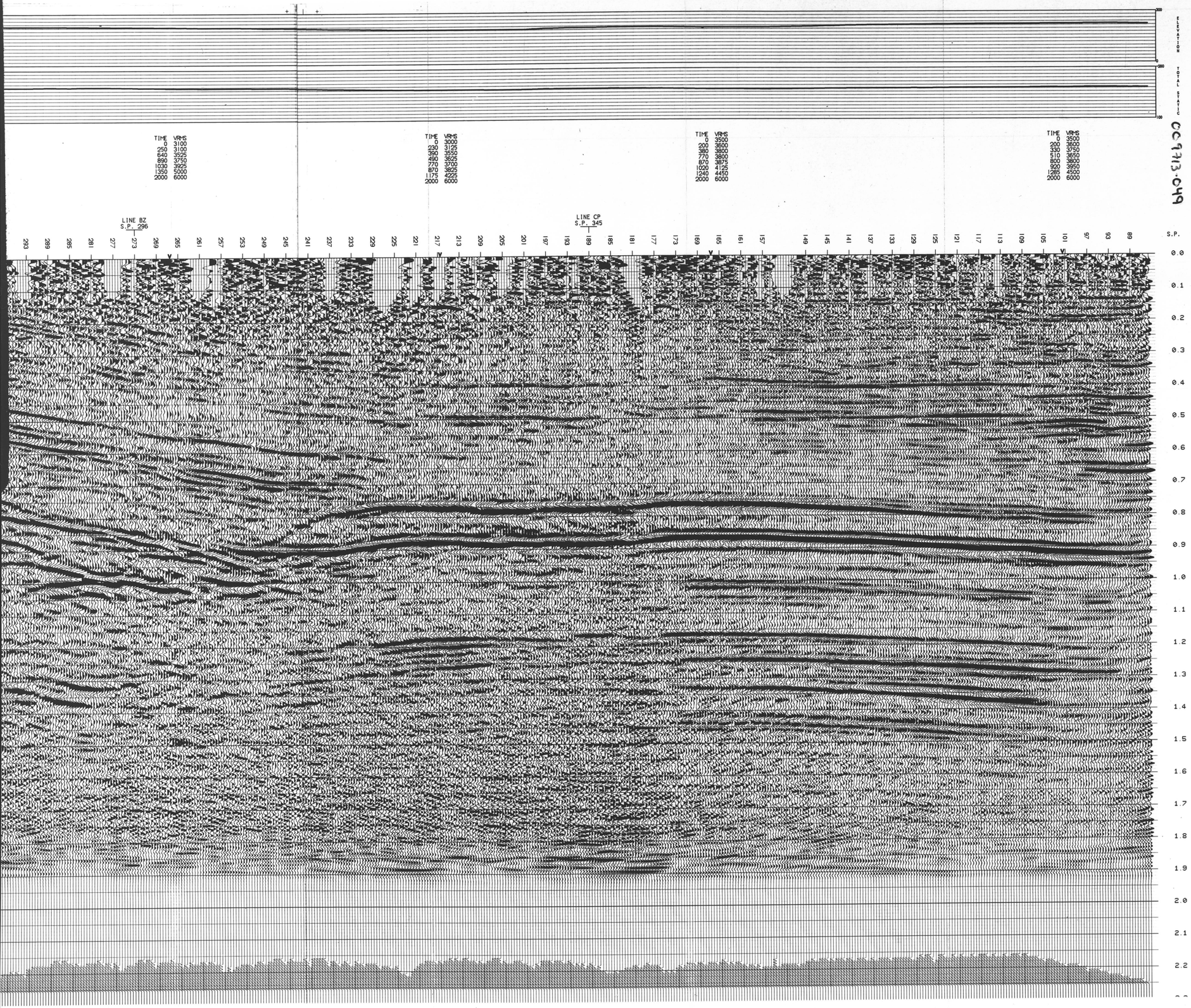


CC 9713-049

LINE W84-PJ
SP. 85-457
S.E.

MIGRATED STACK

TEXACO CANADA RESOURCES

NORMAN WELLS

SEFEL GEOPHYSICAL
SEISMIC DATA PROCESSING
CALGARY CANADA

DATE PROCESSED
JUNE 1984
Q.C.
PAUL CHERNOFF

FIELD RECORDING

SHOT BY	WESTERN GEOPHYSICAL
DATE SHOT	APRIL 1984
PARTY	367
SOURCE	DYNAMITE
CHARGE	2 KG
DEPTH	14 M
PATTERN	ONE HOLE
SHOT INTERVAL	132 M
GEOPHONE INTERVAL	33 M
PATTERN	9 OVER 33.5 M
TYPE	SENSOR SM-7/30 HZ
NUMBER OF GROUPS	96
SPREAD	1584-33-X-33-1584
INSTRUMENT TYPE	DFS V
TAPE FORMAT	SEGB
GAIN MODE	IPF
FIELD FILTER	12/128 HZ
NOTCH FILTER	OUT
SAMPLE INTERVAL	2 MS

DIGITAL PROCESSING

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

2 CDP GATHERS
FOLD 1200 PERCENT

3 AUTOMATIC GAIN RECOVERY

4 INSTRUMENT PHASE COMPENSATION

5 DECONVOLUTION-SPIKING
80 MS OPERATOR
PREWHITENING ONE PERCENT
WINDOW 100-1500 MS

6 DATUM AND WEATHERING STATICS
DATUM 100 M
REPLACEMENT VELOCITY 3500 M/S
WEATHERING VELOCITY 610 M/S

7 SURFACE CONSISTENT RESIDUAL STATICS
CORRELATION LAG +/- 40 MS

8 VELOCITY ANALYSIS
SEMBLANCE TYPE

9 NORMAL MOVEOUT

10 SURFACE CONSISTENT RESIDUAL STATICS
WINDOW 200-1500 MS
CORRELATION LAG +/- 30 MS

11 MUTE
0 MS AT 135 M
100 MS AT 150 M
650 MS AT 1584 M

13 CDP STACK
1200 PERCENT

14 BANDPASS FILTER
9/15-100/110 HZ

15 EQUALIZATION

16 MIGRATION
TIME DOMAIN WAVE EQUATION
90 PERCENT OF STACKING VELOCITIES USED

17 FILM DISPALY
12 TPI
10 IPS

REVERSED POLARITY

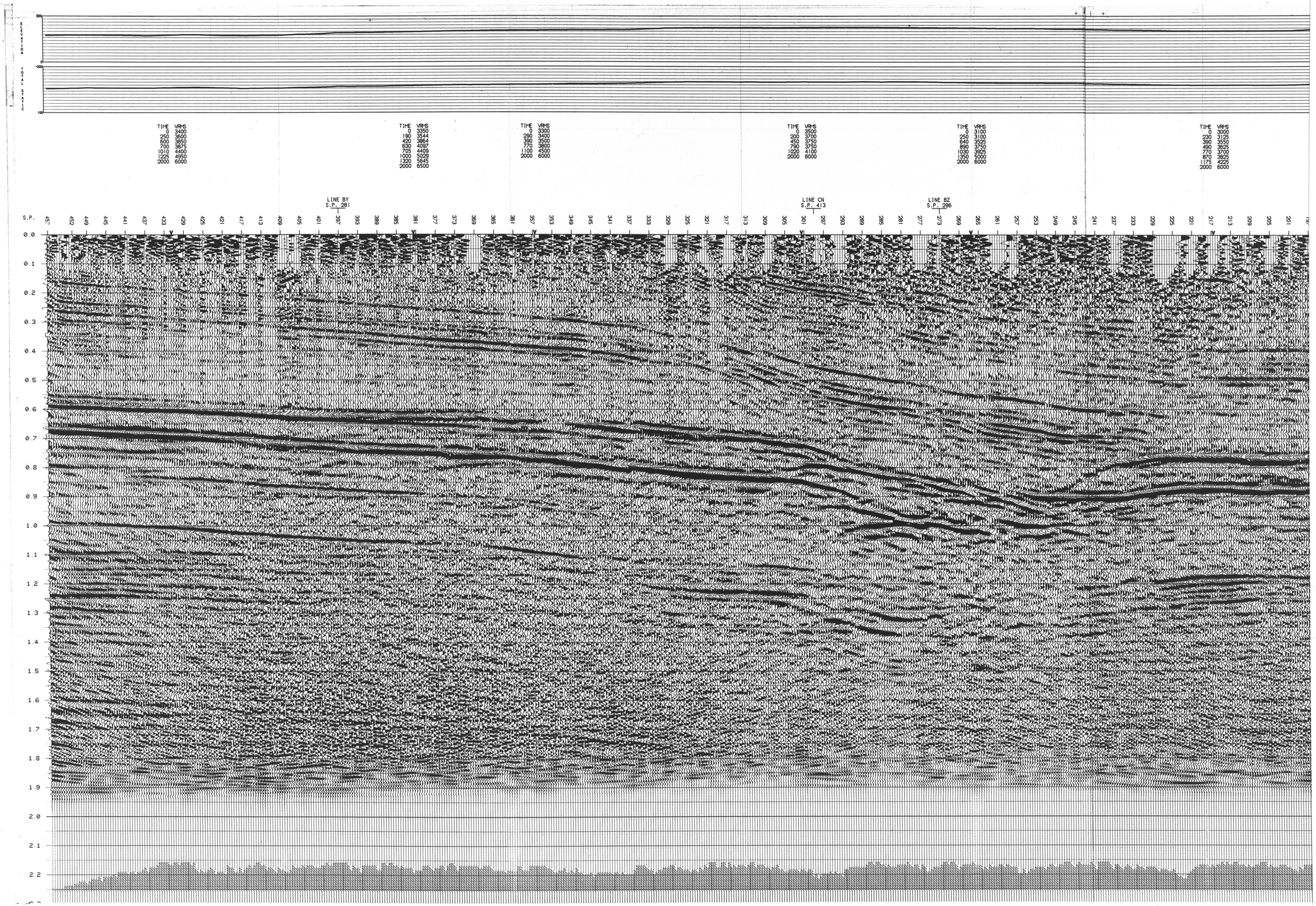
terra
2060 Walkley Rd. Ottawa, Ont.
Suite 101 K1G 3P7
Tel: (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 9229-A31-1E

LINE NO. W84-PJ

PART NO. 1 OF 2

R.R. 8X



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Canada K1G 3P5
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PART NO. 2 OF 2

R.R. 8X

IRON MAIDEN
IRO
U.S.A
CANAD
CAN