terra
Geophysical Ltd.
2060 Walkley Rd.
Ottawa, Ont.
K1G 3P7
Tel: (613) 731-3571
Telex: 053-3602
Cable: TERRA

PROJ. NO. 9229-F9-6E

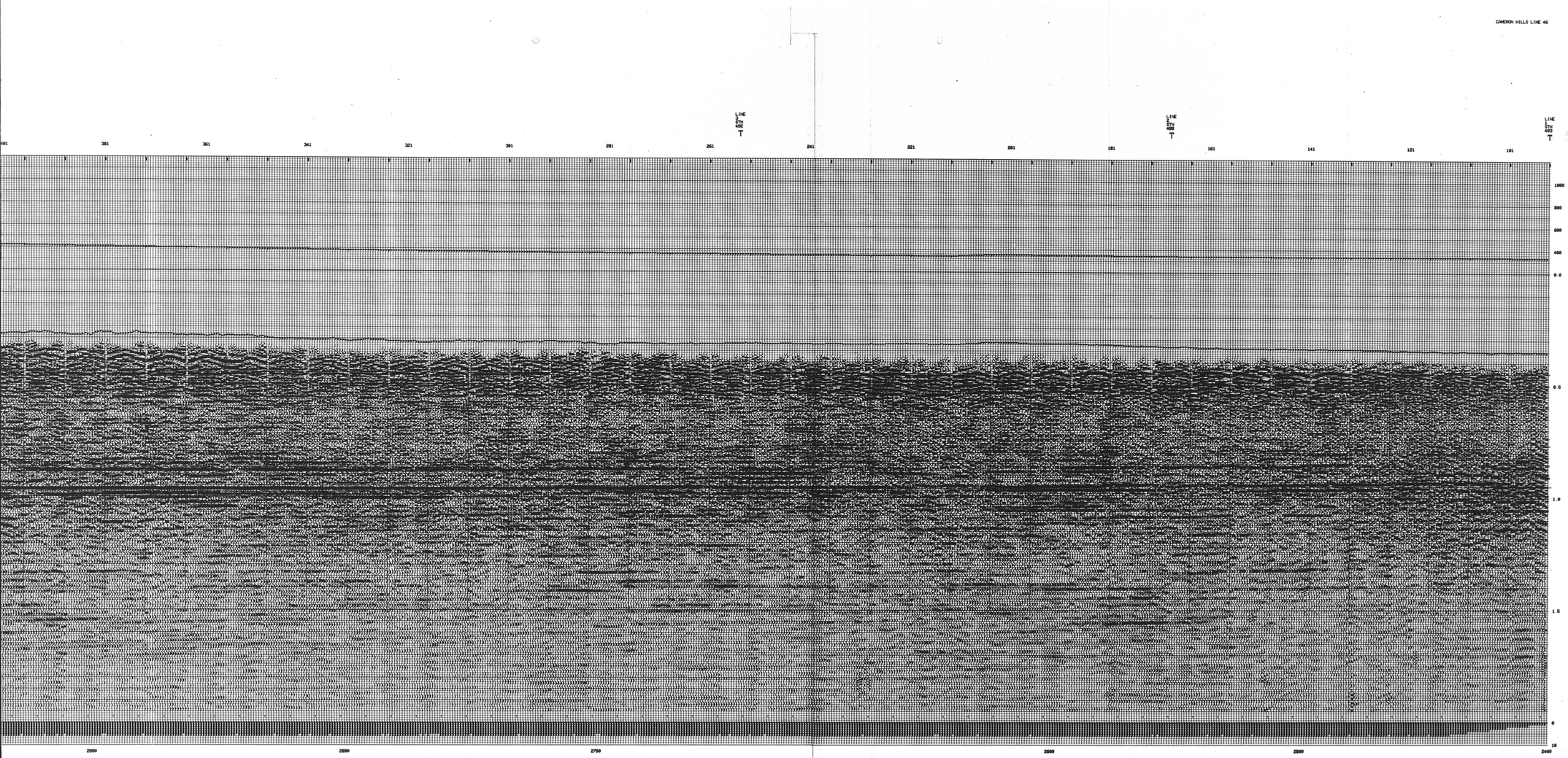
LINE NO. 84-46

PART NO. 1 OF 3

R.R. 10X

9229-F9-6E

CAMERON HILLS LINE 46



SURFACE REFERENCED VELOCITY TABULATIONS

SURFACE ELEVATIONS

SURFACE IN TIME

FLAG

FORWARD RESOURCES LTD.

PROCESSING MONITORED BY
PETREL CONSULTANTS LTD.

LINE: 84-46
PROJECT: CAMERON HILLS
LOCATION: N.W.T. 60N 117W

→ E.

STRUCTURE - FK FILTER

POLARITY ☒ NP ☐ RP

FIRST KICK POLARITY ABOVE FOLD BARS, PEAKS ARE POSITIVE NUMBERS

ACQUISITION PARAMETERS

SHOT BY	PACER GEOPHYSICAL LTD. PTY 2
DATE	JAN. 1984
SPREAD:	48X48, 960M-20-X-20-960M
SOURCE INTERVAL:	160M.
RECEIVER INTERVAL:	20M.
SOURCE:	DYNAMITE.SINGLE HOLE, 1 KG. AT 15M.
RECEIVERS:	GEOSPACE 14 HZ. 9 OVER 20M
INSTRUMENTS:	DFS-V 96 TRACE
GAIN MODE:	IFP
TAPE FORMAT:	SEG-B
FIELD FILTERS:	OUT-128 NOTCH: OUT

PROCESSING PARAMETERS

PROCESSED BY GEO-X DATE: APRIL 1984	GEO-X SYSTEMS LTD. DAS
DIGITAL CONVERSION	
AMPLITUDE RECOVERY	:AT(EXPIBT)
PHASE COMPENSATION	INSTRUMENT AND GEOPHONE
DECONVOLUTION	TYPE: SPIKING OPERATOR LENGTH: 80 MS. PREWHITENING: 1 % GATE: 300-1200 MS. AT 0 OFFSET 700-1200 MS. AT 960 M OFFSET
STRUCTURAL CORRECTIONS	DATUM ELEVATION: 762 M. DATUM VELOCITY: 2286 M/SEC. PROCESSING DATUM: 0 MS. ELEVATION, WEATHERING, AND DRIFT
ANALYSIS	PRELIMINARY VELOCITIES AND STATICS
STATICS TRACE KILLS	SURFACE STACK RESIDUAL
VELOCITY ANALYSIS FINAL MOVEOUT	
F-K FILTER	DATA OUTSIDE +/- 2MS/TRACE ATTENUATED BY 6 DB.
MEAN SCALING	400-1700 MS.
MUTE DISTANCE(M) TIME(MS)	240 480 960 300 400-600 900
STATICS	SURFACE CONSISTENT RESIDUAL WINDOW: 400-1700 MS.
TRACE GATHER	FOLD: 6
STATICS	CDP CROSS CORRELATION
STACK	
FILTER	18/22 - 100/110
EQUALIZATION	MEAN WINDOW 400-1700 MS.
LINEAR RAMP SCALING	10-1.0, 680-1.0, 700-1.2, 1900-1.2, 2000-1.0

terra surveys inc
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
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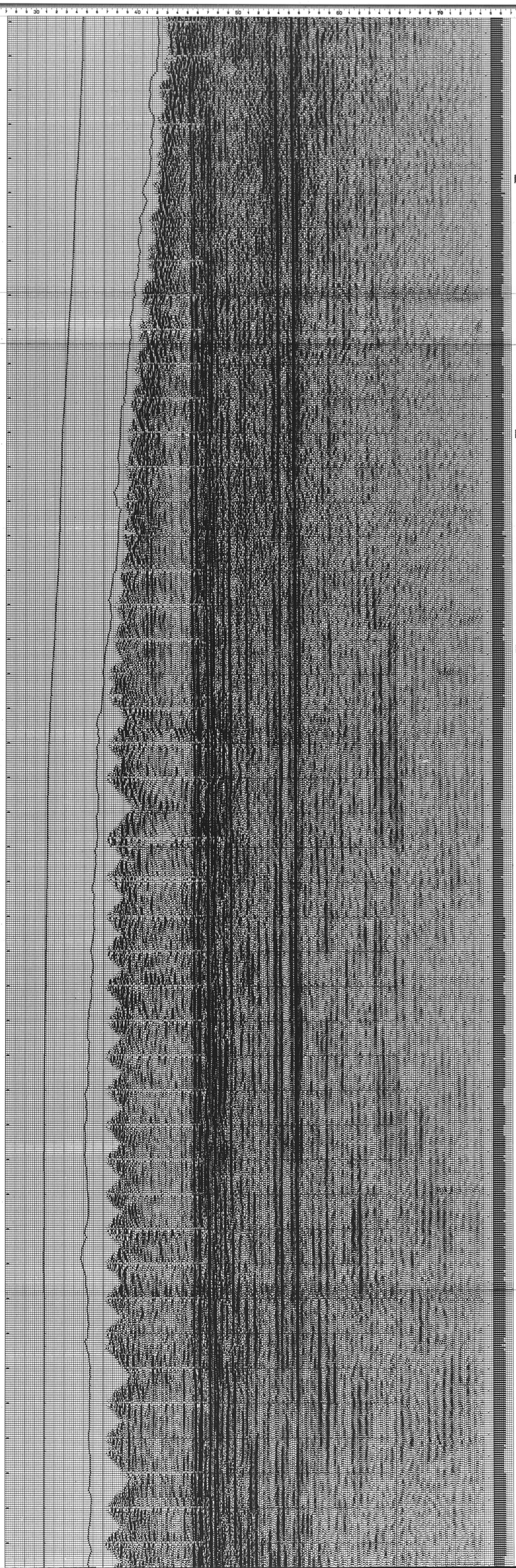
PROJ. NO. 9229-F9-6E LINE NO. 84-46 PART NO. 2 OF 3 R.R. 10X



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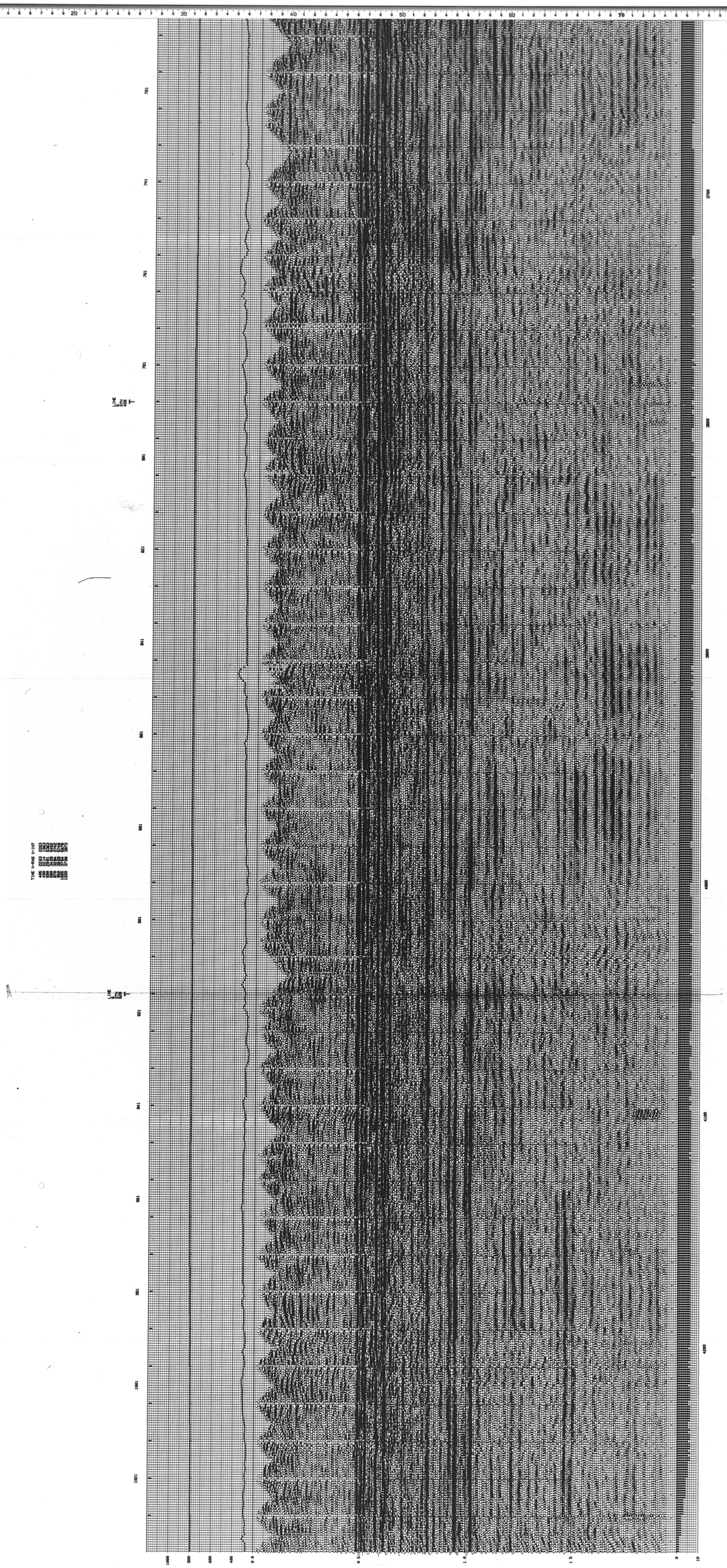
PROJ. NO. 9 2 2 9 - F 9 - 6 E LINE NO. 8 4 - 4 6 PART NO. 3 OF 3 R.R. 10X