terra surveys ltd

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

PROJ. NO. 9 2 2 9 - F 9 - 6 E

LINE NO. 8 4 - 4 0

PART NO. 1 **OF** 2

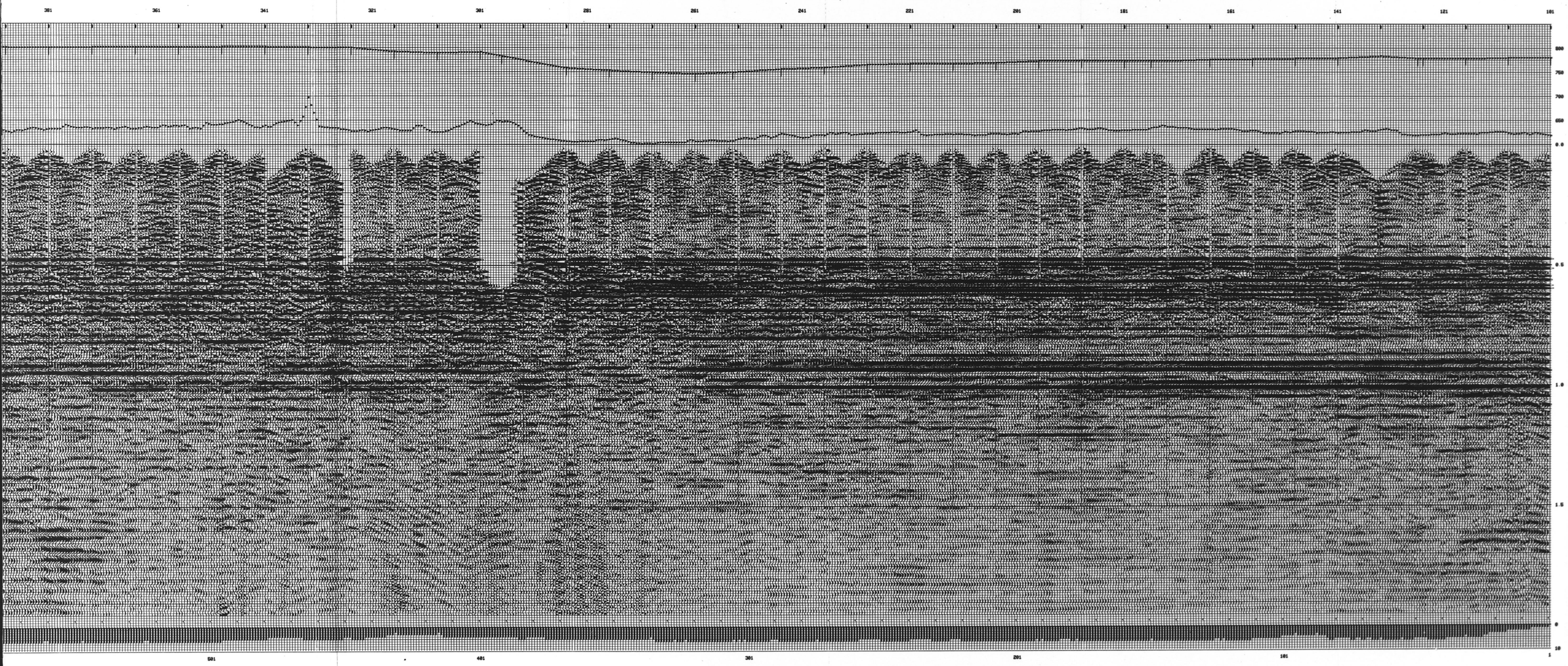
R.R. 10X

9229-F9-6E

CAMERON HILLS LINE 40

TIME	V-RMS	V-INT
120	2246	2246
270	2296	2335
480	2229	2139
605	2774	4262
685	3002	4356
800	3070	3447
935	2941	2013
1050	3216	4910
1200	3410	4541

TIME	V-RMS	V-INT
120	2176	2176
270	2237	2284
480	2248	2262
605	2774	4223
685	3002	4356
800	3070	3447
935	2920	-1789
1050	3216	5010
1200	3410	4641



FORWARD RESOURCES LTD.

PROCESSING MONITORED BY
PETREL CONSULTANTS LTD.

LINE: 84-40
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

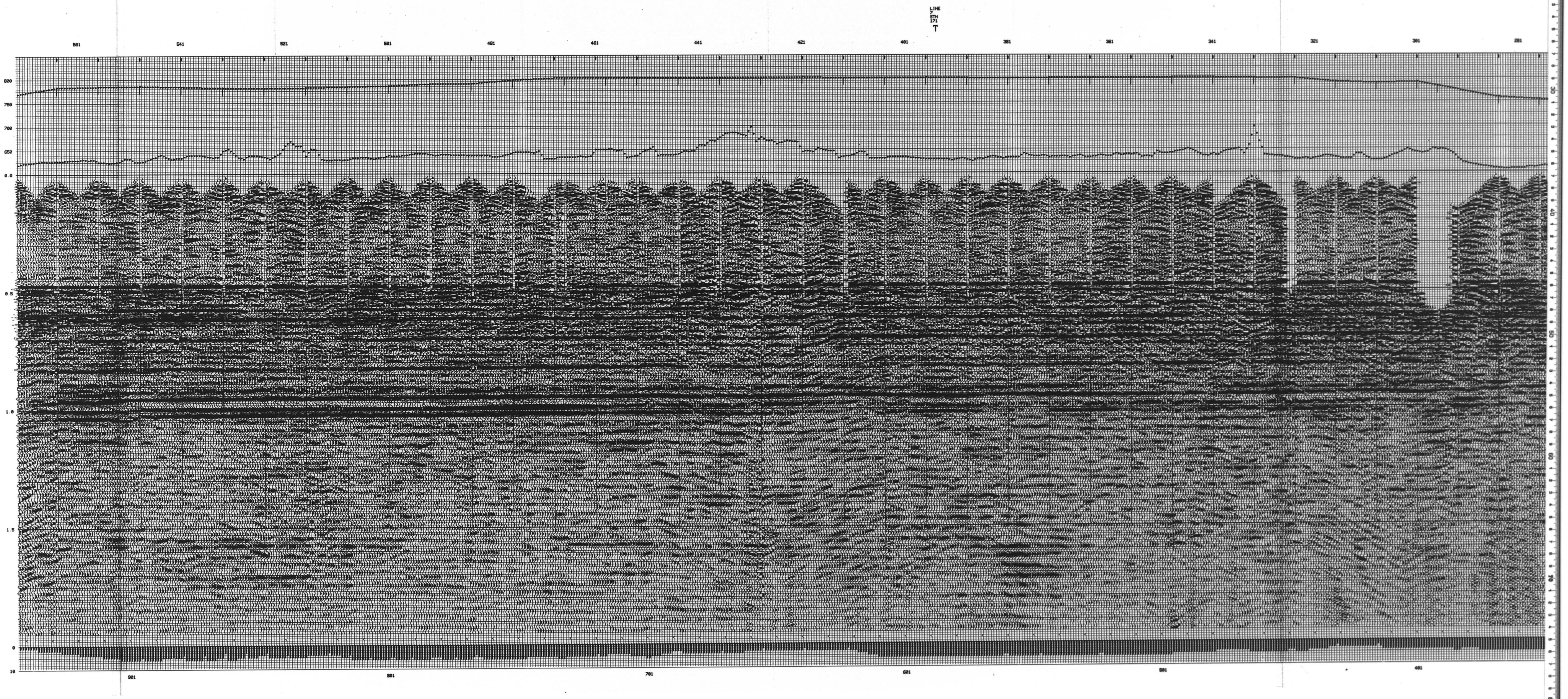
ACQUISITION PARAMETERS

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

PROCESSING PARAMETERS

PROCESSED BY GEO-X DATE: APRIL 1984	Geo X Systems Ltd. DAS
DIGITAL CONVERSION	
AMPLITUDE RECOVERY	(AT)EXP(BT)
PHASE COMPENSATION	INSTRUMENT AND GEOPHONE
DECONVOLUTION	TYPE: SPIKING OPERATOR LENGTH: 80 MS. PREWHITENING: 1 % GATE: 300-1200 MS. AT 0 OFFSET 700-1280 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)	240 480 960 300 400-500 900
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, 650-1.0, 700-1.2, 1500-1.2, 2000-1.0

TIME	V-RMS	V-INT
120	2246	2246
270	2296	2335
480	2229	2139
605	2774	4262
685	3002	4355
800	3070	3447
935	2941	2013
1050	3216	4910
1200	3410	4541



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LINE NO. 84-40

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R.R. 10X