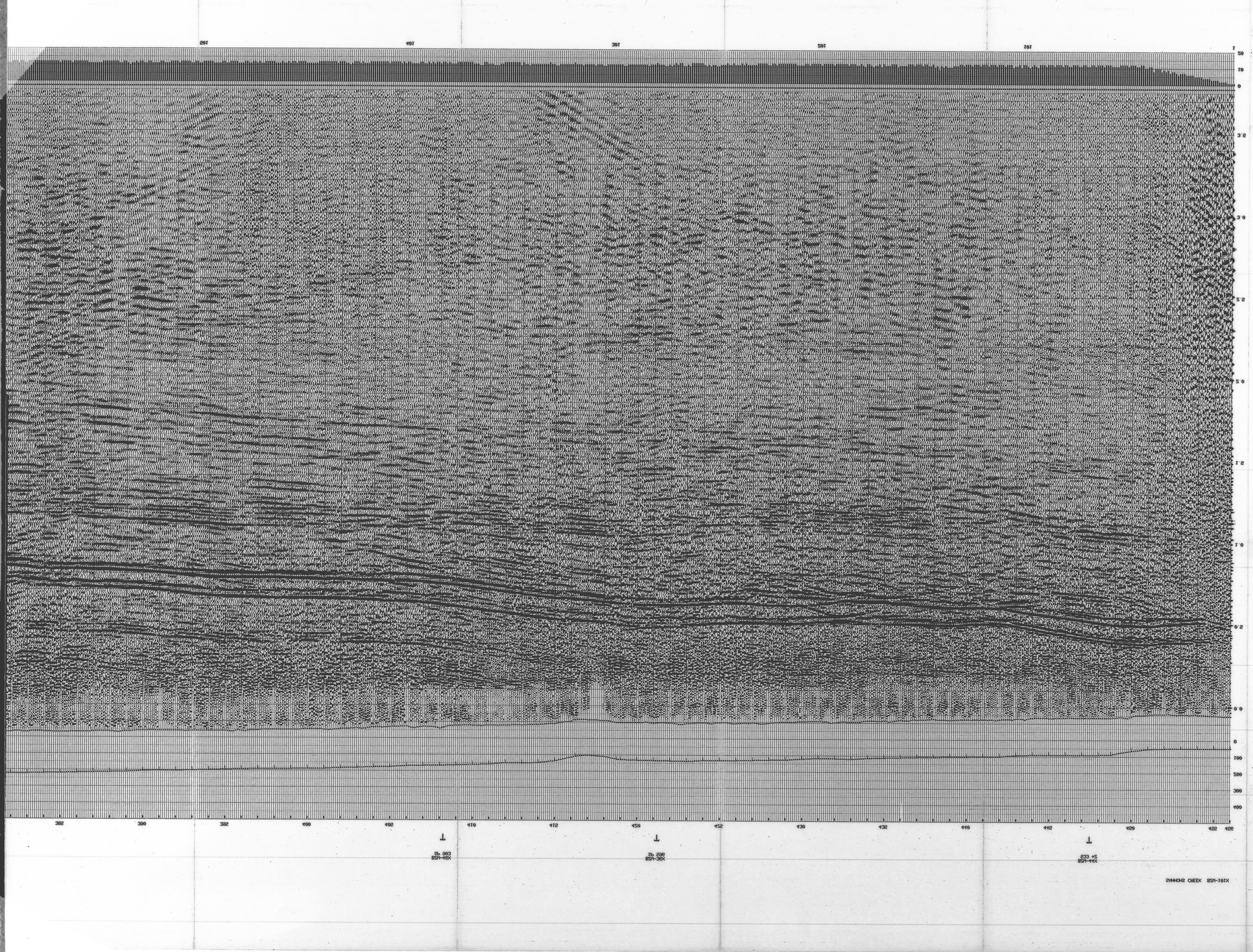


GEO-X SYSTEMS LTD.
CALGARY ALBERTA

LINE: 8S-W-101X TYPE: S-WB
DIRECTION ——→ N.E.
PROJECT: SAMMON'S CREEK
LOCATION: DISTRICT OF MACKENZIE N72 00 E
CLIENT: PETRO-CANADA EXPLORATION INC.

SHOT BY WESTERN GEOPHYSICAL , PTY. LTD. DATE 2\85

RECORD LENGTH : 1200ms - 22ms - 1200ms
SOURCE : 5 x 18 lbs
RECEIVER : GEOSPACE GSO , 10Hz , 6 OVER 22ms
SOURCE INTERVAL : 125m CROSS INTERVAL : 22m
SAMPLERATE : DTR 4 FIELD FILTER : 8-150 HZ NOTCH-OFF
DATA MODE : 16b TAPE FORMAT : SEG B

PROCESSED AT GEO-X DATE 8\85

1 DIGITAL CONVERSION : SAMPLE RATE 2 ms

2 AMPLITUDE RECOVERY Vm^2

PREFILTER

3 DECONVOLUTION : TYPE : SPIKING
OPERATOR LENGTH : 80 ms PREWHITENING 1%
DESIGN GATE 400-2400 ms : SPIKING

4 STRUCTURAL CORRECTIONS
DATUM SEA LEVEL DATUM VELOCITY 2000 m/ms
PROCESSING DATUM = 180 MS
☒ ELEVATIONS ☒ MEMBERING ☒ DRIFT

10 MANTASIP STATISTICAL SURFACE CONSISTENT STATICS

11 WORKOUT (2) REFRACTORS (11) TIMES

9 SCALING

13 STATICS (1) SURFACE CLACK REGIONAL
(13) CROSS CORRELATION

8 WORK SECTION DISPLAY

6 TRACE KILLS

13 MUTE DISTANCE (m) 2k4 2k4 2k8k
TIME (ms) 100 200-820 1100

14 OTHER WORD IS

12 STACK STACK BEFT

10 FILTER (Hz) 15\18-80\90 Hz , 0-5200 ms
5200-6000 ms , Hz 00\90 15\18

12 ADDITIONAL PROCESSING
Velocity Scan Scaling
TIME 0-1200 400 800 1200 1600-2000 2400 2800-3200
DEPTH

18 EQUALIZATION 400-5400ms

SAMMON'S CREEK 8SM-101X

76347

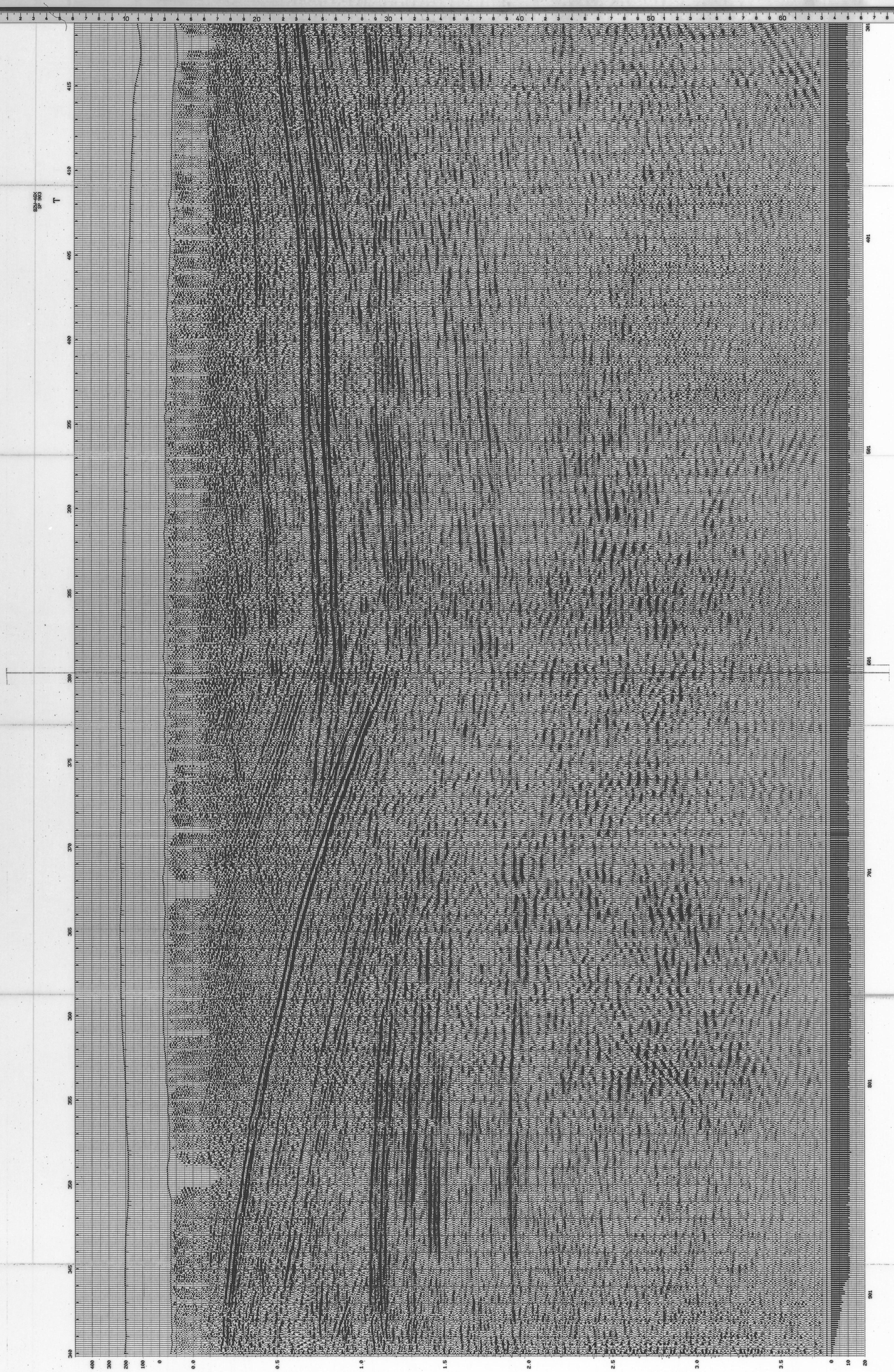
PART NO. 8 S - W - 1 0 1 X

LINE NO. 8 S - W - 1 0 1 X

PART NO. 8 S - 0 8 - 0 2 - 1 1 2

Layer: 003-2003
Date: 1 Mar 1985 13:18:11
Change Kid 3SC
3000 Avenue NE
Calgary Alta

8 S 4 3 - 0 8 - 0 2 - 1 1 2

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

PROJ. NO. 2 4 6 - 0 6 - 0 5 - 1 1 5 LINE NO. 8 2 - W - 1 0 1 X PART NO. 2 OF 2 R.R. 8X