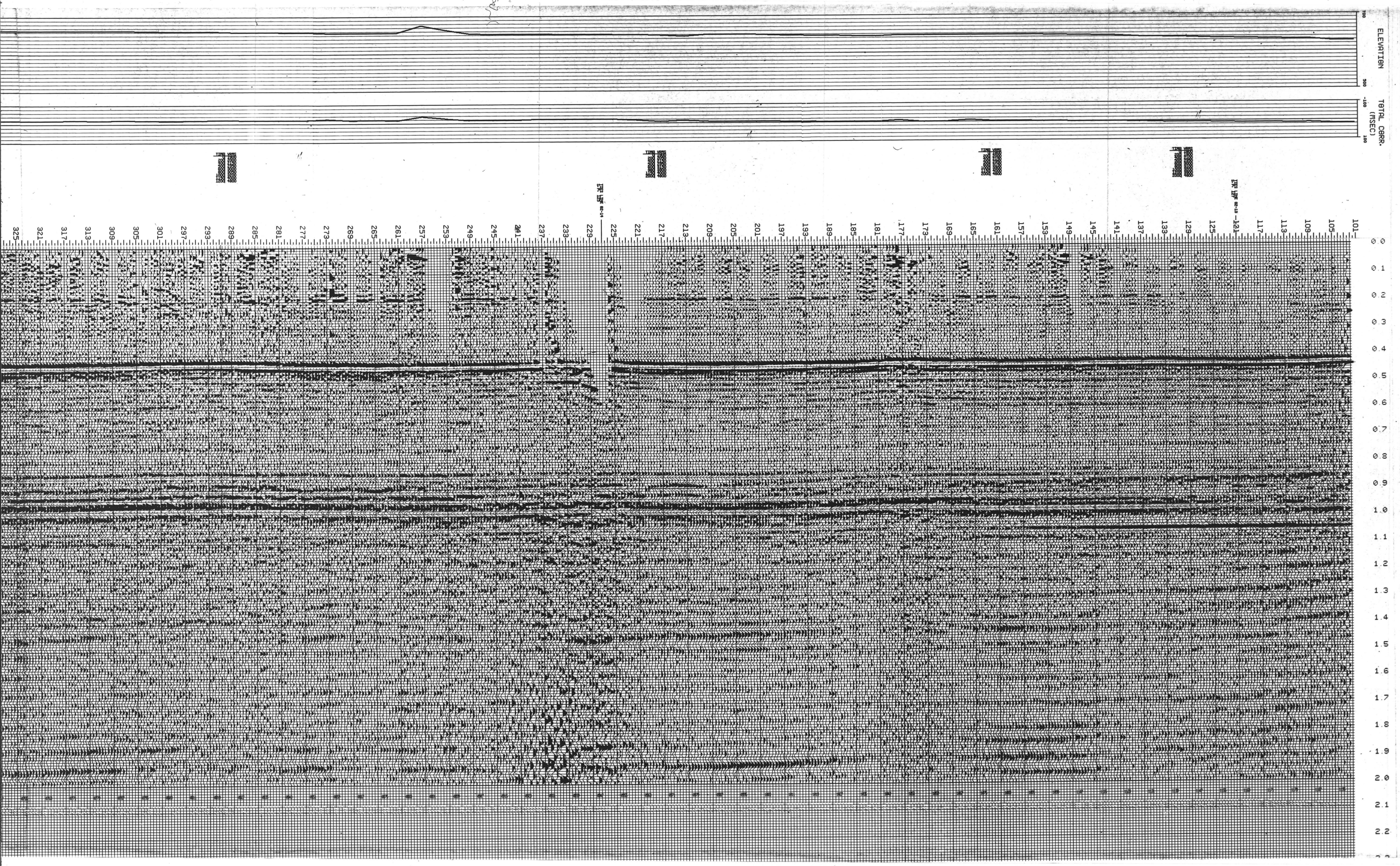

SEFEL

COHO RESOURCES LIMITED
CODE 93-10-82-01
NTS West Cameron Hills, N.W.T.
FILE 709 b.

# SEFEL GEOPHYSICAL
## DATA PROCESSING CONSULTANTS
## (CALGARY)

9229-C54-1E

**CLIENT** COHO RESOURCES LIMITED

**PROSPECT** WEST CAMERON HILLS

**LINE** 82-01
S.P. 101-677

**DIRECTION** NORTH →

### FIELD PARAMETERS

| | |
|---|---|
| SHOT BY | SOURCEX GEOPHYSICAL LTD.<br>PARTY NO. SX-1 |
| DATE SHOT | FEBRUARY 1982 |
| SOURCE TYPE | DYNAMITE |
| SOURCE PATTERN | 1 HOLE |
| CHARGE SIZE | 5 KG OVER 13 M |
| GEOPHONE TYPE | MD-79 14 HZ |
| RECORDER | DFS V |
| FORMAT | SEG B |
| RECORD LENGTH | 3 SEC |
| SAMPLE RATE | 2 MS |
| NO. TRACES/RECORD | 96 |
| SPREAD GEOMETRY | 1608-33.5-X-33.5-1608 M |
| GROUP INTERVAL | 33.5 M |
| SHOT POINT INTERVAL | 134 M |

### PROCESSING SEQUENCE

1 DEMULTIPLEX WITH GAIN RECOVERY
  PROCESSING INTERVAL 2 MS
  RECORD LENGTH 2 SEC
2 CDP TRACE GATHER 1200 PC
3 SURFACE CONSISTENT AMPLITUDE CORRECTIONS
4 ZERO PHASE LOW CUT FILTER 6-14 HZ
5 SPIKING DECONVOLUTION
  WINDOW 200-1400 MS
  OPERATOR LENGTH 100 MS
  P.C. WHITENING 1 PC
6 EQUALIZATION
  WINDOW 500-1500 MS
7 THEORETICAL STATICS
  DATUM ELEVATION 650 M
  DATUM VELOCITY 2100 M/SEC
  WEATHERING VELOCITY 610 M/SEC
8 VELOCITY ANALYSIS
9 NMO
10 AUTOMATIC RESIDUAL STATICS
  MAX CORRELATION LAG +-40 MS
  WINDOW 300-1300 MS
11 AVERAGE MUTE-VARIES WITH CDP

| TIME(MS) | OFFSET(M) |
|---|---|
| 0 | 201 |
| 234 | 200 |
| 1080 | 804 |
| 1250 | 1306 |

12 STACK
13 ZERO-PHASE BANDPASS FILTER 6/14-65/75 HZ
14 EQUALIZATION
  WINDOW 300-1300 MS
15 DISPLAY FILM 12 TPI
  7.5 IN/SEC

REVERSE POLARITY (NEGATIVE VALUE-PEAK)

QC GEOPHYSICIST D.L.B. (INITIALS) DATE SEPTEMBER, 1982

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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 C 5 4 1 E LINE NO: 8 2 0 1 PART NO: 1 of 3 R.R. 8 x**

terra
surveys ltd

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Telex: 053-3502 Cable: TERRA

**PROJ. NO: 9229C541E LINE NO: 8201 PART NO: 2 of 3 R.R. 8 x**

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