

SEFEL GEOPHYSICAL DATA PROCESSING CONSULTANTS (CALGARY)

CLIENT: COHO RESOURCES LIMITED

PRESPECT: WEST CAMERON HILLS

LINE 82-17 DIRECTION EAST →

FIELD PARAMETERS

SHOT BY: SOURCEX GEOPHYSICAL LTD.
 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-78 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-39.5-1608 M
 GROUP INTERVAL: 33.5 M
 SHOT POINT INTERVAL: 134 M

PROCESSING SEQUENCE

- 1 DEMULTIPLY 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: 850 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): 0
 OFFSET (M): 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
 38.4 TPI
 7.5 IN/SEC
 NORMAL PLARITY (POSITIVE VALUE-PEAK)

GC GEOPHYSICIST DLB DATE OCTOBER, 1982



PROJ. NO: 9 2 2 9

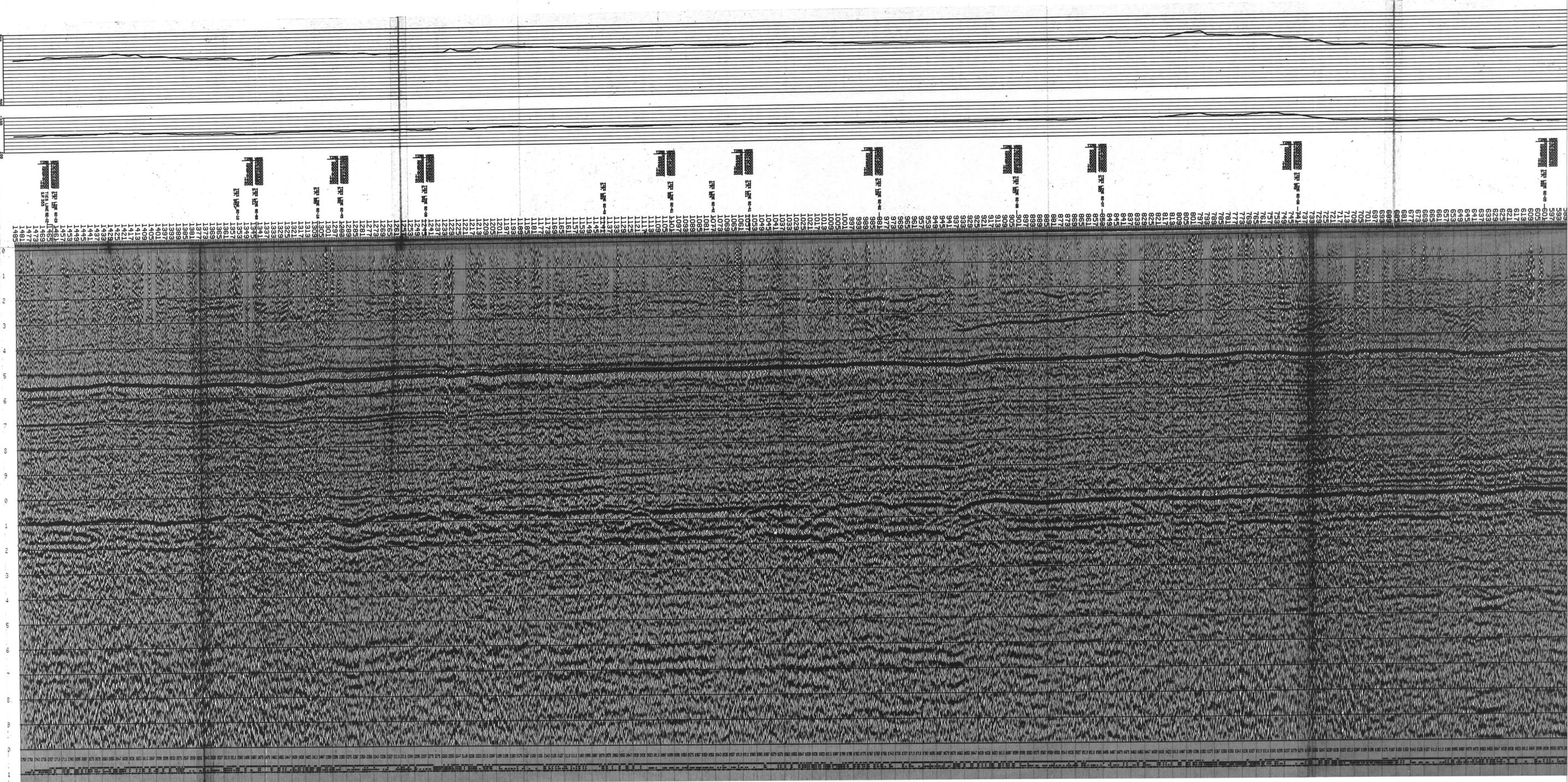
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