

9229-C54-1E



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

CLIENT **COHO RESOURCES LIMITED**

PROSPECT **WEST CAMERON HILLS**

LINE **82-21** DIRECTION **EAST** →

FIELD PARAMETERS

SHOT BY SOURCEX GEOPHYSICAL LTD.  
 PARTY NO. SX-1  
 DATE SHOT FEBRUARY 1982  
 SOURCE TYPE DYNAMITE  
 SOURCE PATTERN 1 HBLE  
 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  
 NB. 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  
 WINDBW 200-1400 MS  
 OPERATOR LENGTH 100 MS  
 P.C. WHITENING 1 PC
  - 6 EQUALIZATION  
 WINDBW 500-1500 MS
  - 7 THEORETICAL STATICS  
 DATUM ELEVATION 650 M  
 DATUM VELOCITY 2100 M/SEC  
 WEATHERING VELOCITY 610 M/SEC
  - 8 VELOCITY ANALYSIS
  - 9 NNB
  - 10 AUTOMATIC RESIDUAL STATICS  
 MAX CORRELATION LAG +40 MS  
 WINDBW 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  
 WINDBW 300-1300 MS
  - 15 DISPLAY FILM 38.4 TPI  
 7.5 IN/SEC
- NORMAL POLARITY (POSITIVE VALUE-PEAK)

QC GEOPHYSICIST **D.L.B.** DATE **OCTOBER, 1982**



