



9229 - C54 - 1R  
**SEFEL GEOPHYSICAL**  
**DATA PROCESSING CONSULTANTS**  
**(CALGARY)**

CLIENT **COHO RESOURCES LIMITED**

PROSPECT **WEST CAMERON HILLS**

LINE 82-20 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-79 14 HZ  
 RECORDER DFS V  
 FORMAT SEG B  
 RECORD LENGTH 3 SEC  
 SAMPLE RATE 2 MS  
 NB. TRACES/RECORD 96  
 SPREAD GEOMETRY 1808-33.5-X-33.5-1808 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 N/A
- 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 1906
- 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 POLARITY (POSITIVE VALUE-PEAK)

QC GEOPHYSICIST DLB DATE OCTOBER, 1982

