



9229-C54-1E



SEFEL GEOPHYSICAL
DATA PROCESSING CONSULTANTS
(CALGARY)

CLIENT **COHO RESOURCES LIMITED**

PROSPECT **WEST CAMERON HILLS**

LINE **82-07** 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-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 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 650 M
 DATUM VELOCITY 2100 M/SEC
 WEATHERING VELOCITY 610 M/SEC
 - 8 VELOCITY ANALYSIS
 - 9 NMB
 - 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 38.4 TPI
- NORMAL POLARITY (POSITIVE VALUE-PEAK)

QC GEOPHYSICIST **DLB** DATE **OCTOBER, 1982**