

9229-C54-1E



SEFEL GEOPHYSICAL
DATA PROCESSING CONSULTANTS
(CALGARY)

CLIENT **COHO RESOURCES LIMITED**

PROSPECT **WEST CAMERON HILLS**

LINE 82-45 **DIRECTION NORTH** →

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 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 OPERATOR LENGTH 200-1400 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 4-40 MS
 WINDOW 300-1300 MS
- 11 AVERAGE MUTE-VARIES WITH CDP
 TIME (MS) OFFSET (M)
 0 201
 294 200
 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 POLARITY (POSITIVE VALUE-PEAK)

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

