

9229-C54-1B 41



SEFEL
 L.L.M.V. INC.
 52-78-07-88 ROAD
 GUILDFORD ONTARIO

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

CLIENT **COHO RESOURCES
 LIMITED**

PROSPECT **WEST CAMERON HILLS
 ISOCHRON**

LINE 82-23 DIRECTION SE. →

FIELD PARAMETERS

SHOT BY **SOURCEX GEOPHYSICAL LTD.**

DATE SHOT **PARTY NO. SX-1
 FEBRUARY 1982**

SOURCE TYPE **DYNAMITE**

SOURCE PATTERN **1 HALE**

CHARGE SIZE **5 KG OVER 13 M**

GEOPHONE TYPE **MD-79 14 HZ**

REORDER **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
- 6 EQUALIZATION
 WINDOW 200-1400 MS
 OPERATOR LENGTH 100 MS
 P.C. WHITENING 1 PC
- 7 VELOCITY ANALYSIS
 WINDOW 500-1500 MS
- 8 NRB
- 9 AUTOMATIC RESIDUAL STATICS
 MAX CORRELATION LAG +-40 MS
 WINDOW 300-1300 MS
- 10 AVERAGE MUTE-VARIES WITH CDP
 TIME (MS) OFFSET (M)
 0 201
 234 200
 1080 804
 1250 1306
- 11 STACK
- 12 FLATTENED TO 700 MS
- 13 ZERO-PHASE BANDPASS FILTER 6-14-65/75 HZ
- 14 EQUALIZATION
 WINDOW 300-1300 MS
- 15 DISPLAY FILM 7.5 IN/SEC
 NORMAL POLARITY (POSITIVE VALUE-PEAK)

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



