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

CLIENT **COHO RESOURCES
LIMITED**

PROSPECT **WEST CAMERON HILLS**

LINE **82-23** DIRECTION **S.E.** →

FIELD PARAMETERS

SHOT BY **SOURCEX GEOPHYSICAL LTD.**
 DATE SHOT **PARTY NO. SX-1**
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**
 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 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 NNB
- 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 PALARITY (POSITIVE VALUE-PEAK)

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

