



9229-C54-1E



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

CLIENT: **COHO RESOURCES LIMITED**

PROSPECT: **WEST CAMERON HILLS**

LINE 82-05 DIRECTION NORTH →

FIELD PARAMETERS:

SHOT BY	SAURCEX GEOPHYSICAL LTD.
DATE SHOT	FEBRUARY 1982
SOURCE TYPE	DYNAMITE
SOURCE PATTERN	1 HOLE
CHARGE SIZE	5 KG OVER 19 M
GEOPHONE TYPE	MD-79 14 HZ
RECORDER	DFS
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 2000 PC
- 2 CDP TRACE GATHER 1200 PC
- 3 SURFACE CONSISTENT AMPLITUDE CORRECTIONS
- 4 ZERO PHASE LOW CUT FILTER 6-14 HZ
- 5 SPKING 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 NFB
- 10 AUTOMATIC RESIDUAL STATICS  
 MAX CORRELATION LAG +-40 MS  
 WINDOW 300-1300 MS
- 11 AVERAGE MUTE-VARIES WITH CDP  
 TIME (MS) OFFSET (M)  
 234 200  
 1080 804  
 1250 1306
- 12 STACK
- 13 ZERO-PHASE BANDPASS FILTER 6/14-65/75 HZ
- 14 EQUALIZATION  
 WINDOW 300-1300 MS  
 DISPLAY FILM 38.4 TPI
- 15 DISPLAY FILM 7.5 IN/SEC  
 NORMAL POLARITY (POSITIVE VALUE-PEAK)

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