



9229-C54-1E


  
 SEFEL GEOPHYSICAL  
 DATA PROCESSING CONSULTANTS  
 (CALGARY)

CLIENT: COHO RESOURCES LIMITED

PROSPECT: WEST CAMERON HILLS

LINE 82-41 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

- DEMULTIPLY WITH GAIN RECOVERY  
PROCESSING INTERVAL 2 MS  
RECORD LENGTH 2 SEC
- CDP TRACE GATHER  
1200 PC
- SURFACE CONSISTENT AMPLITUDE CORRECTIONS
- ZERO PHASE LOW CUT FILTER 6-14 HZ
- SPIKING DECONVOLUTION  
WINDOW 200-1400 MS  
OPERATOR LENGTH 100 MS  
P.C. WHITENING 1 PC
- EQUALIZATION  
WINDOW 500-1500 MS
- THEORETICAL STATICS  
DATUM ELEVATION 650 M  
DATUM VELOCITY 2100 M/SEC  
WEATHERING VELOCITY 610 M/SEC
- VELOCITY ANALYSIS
- AUTOMATIC RESIDUAL STATICS  
MAX CORRELATION LAG +-40 MS  
WINDOW 300-1300 MS
- AVERAGE MUTE-VARIES WITH CDP  
TIME (MS) OFFSET (M)  
0 201  
234 200  
1080 804  
1250 1308
- STACK
- ZERO-PHASE BANDPASS FILTER 6/14-65/75 HZ
- EQUALIZATION  
WINDOW 300-1300 MS
- DISPLAY FILM 38.4 TPI  
NORMAL POLARITY (POSITIVE VALUE-PEAK)

GC GEOPHYSICIST DLB DATE OCTOBER, 1982  
INITIALS