

9229-C54-1E



SEFEL GEOPHYSICAL
 DATA PROCESSING CONSULTANTS
 (CALGARY)

CLIENT: **COHO RESOURCES LIMITED**

PROSPECT: **WEST CAMERON HILLS**
MIGRATED

LINE 82-15 DIRECTION EAST →

FIELD PARAMETERS

SHOT BY: SOURCEX GEOPHYSICAL LTD.
 PARTY NO. SX-1
 DATE SHOT: FEBRUARY 1982
 SOURCE TYPE: DYNAMITE
 SOURCE PATTERN: 1 HBL E
 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: 1508-39.5-X-39.5-1608 M
 GROUP INTERVAL: 39.5 M
 SHOT POINT INTERVAL: 134 M

PROCESSING SEQUENCE

- DEMULTEX 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
- NPS
- 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 1306
- STACK
- WAVE EQUATION MIGRATION
- ZERO-PHASE BANDPASS FILTER: 6/14-65/75 HZ
- EQUALIZATION
 WINDOW: 300-1300 MS
- DISPLAY FILM: 12.0 TPI
 7.5 IN/SEC
 NORMAL POLARITY (POSITIVE VALUE-PEAK)

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



