



9229-C54-1

SEFEL

SEFEL GEOPHYSICAL
DATA PROCESSING CONSULTANTS
(CALGARY)

CLIENT: COHO RESOURCES LIMITED

PROSPECT: WEST CAMERON HILLS

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 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

- DEMULTEPLEX WITH GAIN RECOVERY
PROCESSING INTERVAL: 2 MS
RECORD LENGTH: 2 SEC
- COP TRACE GATHER
WINDOW: 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
- NRB
- AUTOMATIC RESIDUAL STATICS
MAX CORRELATION LAG: +-40 MS
WINDOW: 800-1300 MS
- AVERAGE MUTE-VARIES WITH COP
TIME (MS) OFFSET (M)
0 201
234 200
1080 804
1250 1806
- 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 D.L.B. DATE OCTOBER, 1982