



SEFEL GEOPHYSICAL
DATA PROCESSING CONSULTANTS
(CALGARY)

CLIENT COHO RESOURCES
LIMITED

PROSPECT WEST CAMERON HILLS

LINE 82-23 DIRECTION S.E. →
S.P. 461-95

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
REORDER 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

- 1 DEMULTIPLEX 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 NMO
- 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 1306
- 12 STACK
- 13 ZERO-PHASE BANDPASS FILTER
6-14-65/75 HZ
- 14 EQUALIZATION
WINDOW 300-1300 MS
- 15 DISPLAY FILM
12 TPI
7.5 IN/SEC
NORMAL POLARITY (POSITIVE VALUE-PEAK)

QC GEOPHYSICIST D.L.B. DATE SEPTEMBER, 1982

