



9 2 2 9 - C 5 4 - 1 E 4 1



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

CONO RESOURCES LIMITED  
 CODE 9 2 9 - C 5 4 - 1 E  
 NTS: MONT. GEOPHYSICAL UNIT  
 FILE # 7 2 3 C

CLIENT **CONO RESOURCES LIMITED**

PROSPECT **WEST CAMERON HILLS**

LINE **82-14** 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 **SEC 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**

- 1 DEMULTIPLY 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 SPLITTING DECONVOLUTION  
 WINDOW OPERATOR LENGTH 200-1400 MS  
 P.C. WHITENING 1 PC
- 6 EQUALIZATION WINDOW 500-1500 MS
- 7 THEORETICAL STATICS DATUM ELEVATION 650 M  
 DATUM VELOCITY 2100 M/SEC
- 8 VELOCITY ANALYSIS WEATHERING VELOCITY 610 M/SEC
- 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)  
 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 38.4 TPI  
 NORMAL POLARITY (POSITIVE VALUE-PEAK)

QC GEOPHYSICIST DLB DATE OCTOBER, 1982

