

PROJ NO: 9

229

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LINE NO: 8

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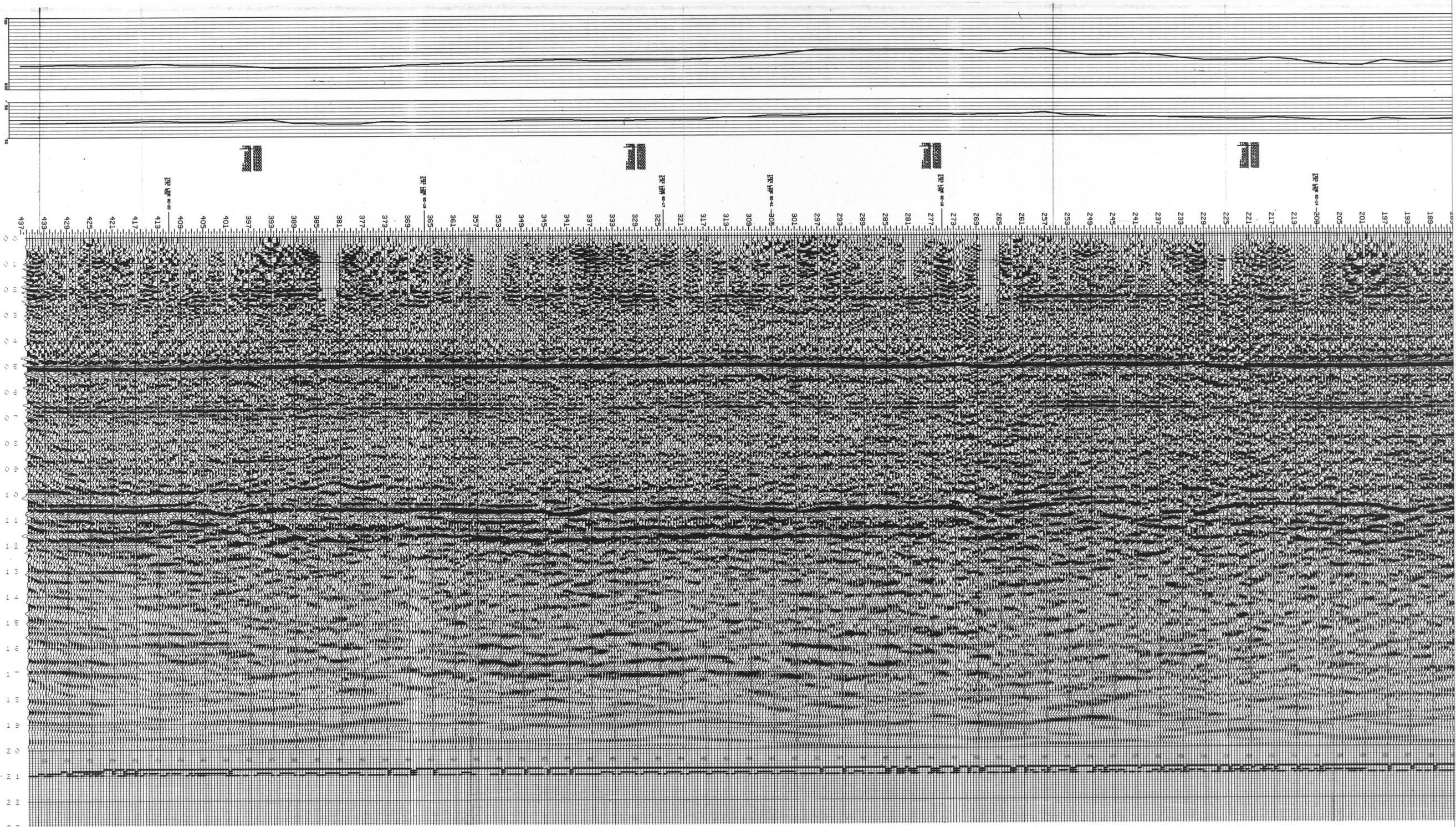
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PART NO: 1 of 2 R.R. 8 X





J. M. T.

 CONSULTANT

 82-42

SEFEL GEOPHYSICAL
DATA PROCESSING CONSULTANTS
(CALGARY)

CLIENT **COHO RESOURCES LIMITED**

PROSPECT **WEST CAMERON HILLS**
MIGRATED

LINE 82-42 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 SEC B
 RECORD LENGTH 3 SEC
 SAMPLE RATE 2 MS
 NO. TRACES/RECORD 96
 SPREAD GEOMETRY 1608-39.5-X-39.5-1608 M
 GROUP INTERVAL 39.5 M
 SHOT POINT INTERVAL 194 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 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 NRS
- 10 AUTOMATIC RESIDUAL STATICS
 MAX CORRELATION LAG +-40 MS
 WINDOW 300-1800 MS
- 11 AVERAGE MUTE-VARIES WITH CDP
 TIME (MS) OFFSET (M)
 0 201
 234 200
 1080 804
 1250 1306
- 12 STACK
- 13 WAVE EQUATION MIGRATION
- 14 ZERO-PHASE BANDPASS FILTER 6/14-65/75 HZ
- 15 EQUALIZATION
 WINDOW 300-1800 MS
- 16 DISPLAY FILM
 12.0 TPI
 7.5 IN/SEC
 NORMAL PARALITY (POSITIVE VALUE-PEAK)

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

