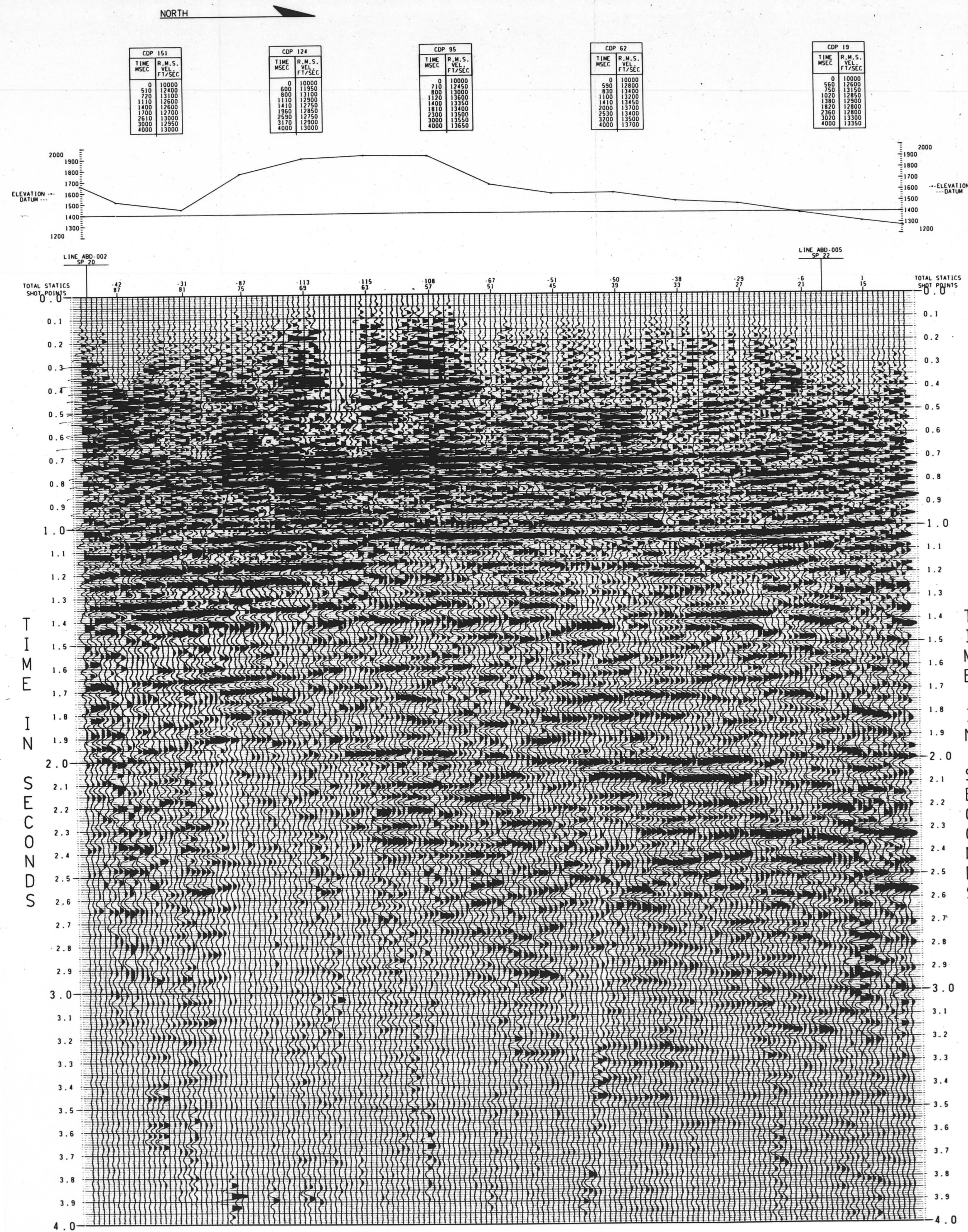




SCAT VELOCITIES

CLIENT COLUMBIA OIL AND GAS

AREA KOTANEEL

LINE ABD-001

SPs 9-93

FIELD PARAMETERS

SHOT BY FAIRFIELD INDUSTRIES PARTY DATE SEPT/1978

RECORDING SYSTEM DSS V SEG B SOURCE DYNAMITE

SPREAD GEOMETRY 2280-220 X 220-5280 No TRACES 48

GROUP INT. 220 FT. SP. INT. 1320 FT. FOLD 400 %

SEISMOMETERS PER GROUP 18 AT 12 FOOT INTERVALS

SOURCE GEOMETRY SINGLE HOLE

SOURCE SIZE 50-100 lbs. FIELD FILTER 8/124

900 PACKAGE PROCESSING

PRE-PROCESSING

☐ TRANSLATION TRACK TO 21 TRACK

☐ TRANSCRIPTION ANALOG TO DIGITAL

☐ VERTICAL STACK TO J

☐ VIBROSEG CORRELATION SWEEP TO HZ

☐ BINARY GAIN/TRE AMPLITUDE RECOVERY

☐ NORMAL MOVEOUT

☐ DECONVOLUTION TYPE WHITENING 10% No OPERATORS PER TRACE 1 DESIGN GATE 800 TO 2000 OPERATOR LENGTH 98 MS

☐ CDP GATHER

☐ EQUALIZATION

☐ VELOCITY ANALYSIS

STATIC CORRECTIONS

☐ DATUM STATICS TYPE VES DATUM 1400 FT VELOCITY 10000 FT/SEC

☒ ELEVATION/HOLE CORRECTIONS

☐ WEATHERING CORRECTIONS

☐ CORRELATION STATICS No OF GATES 2

☐ FLATTENED AT MS

☐ OTHER CORRELATION STATICS APPLIED

POST PROCESSING

☐ NORMAL MOVEOUT

☐ FIRST BREAK SUPPRESSION

☐ CDP STACK 4 FOLD

☐ DIGITAL FILTER

☐ EQUALIZATION

OTHER PROCESSES

☐ FILTER OUT-OUT GAIN DB

COMMENTS

GEOPHYSICAL SERVICE INCORPORATED

CALGARY ALBERTA

PARTY 4403 PROJECT 133620 DATE DEC /78