

SCAT VELOCITIES

CLIENT COLUMBIA OIL AND GAS
AREA KOTANEELEE
LINE ABD-007
SPs 7-75

FIELD PARAMETERS
SHOT BY FAIRFIELD INDUSTRIES PARTY DATE SEPT/1978
RECORDING SYSTEM DES V SEG B SOURCE DYNAMITE
SPREAD GEOMETRY 5680-220 X 220-5980 No TRACES 58
GROUP INT. 220 FT SP INT. 1380 FT FOLD 400 X
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 1
☐ VIBROSEIS CORRELATION SWEEP TO HZ
☐ BINARY GAIN/TRUE AMPLITUDE RECOVERY
☐ NORMAL MOVEOUT
☐ DECONVOLUTION: TYPE WHITENING 10%
No OPERATIONS PER TRACE 1
DESIGN GATE 800 TO 2500
OPERATOR LENGTH 36 MS
☐ CDP GATHER
☐ EQUALIZATION
☐ VELOCITY ANALYSIS
STATIC CORRECTIONS
☐ DATUM STATICS: TYPE YES
VELOCITY 10000 FT/SEC
☒ ELEVATION/UPHOLE CORRECTIONS
☒ WEATHERING CORRECTIONS
☐ CORRELATION STATICS: No OF GATES 2
☐ FLATTENED AT MS
☐ OTHER CORRELATION STATICS APPLIED
POST PROCESSING
☐ FIRST BREAK SUPPRESSION
☐ CDP STACK 4 FOLD
☐ DIGITAL FILTER
8-40 HZ 8-25 HZ
☐ EQUALIZATION
OTHER PROCESSES
DISPLAY FILTER OUT-OUT GAIN DB
COMMENTS

GEOPHYSICAL SERVICE INCORPORATED
CALGARY ALBERTA
PARTY 4403 PROJECT 133620 DATE DEC/78

