

WELL VELOCITIES

CLIENT COLUMBIA OIL AND GAS
AREA KOTANEELEE
LINE ABD-003
SPs 11-155

FIELD PARAMETERS
SHOT BY FAIRFIELD INDUSTRIES PARTY DATE SEPT/1978
RECORDING SYSTEM DES V SEG B SOURCE DYNAMITE
SPREAD GEOMETRY 5280-220 X 220-5280 No TRACES 48
GROUP INT. 220. FT. SP. INT. 440. FT. FOLD 2200. %
SEISMOMETERS PER GROUP 16 AT 12 FOOT INTERVALS
SOURCE GEOMETRY SINGLE HOLE
SOURCE SIZE 50-100 lbs. FIELD FILTER B/124

800 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 OPERATORS PER TRACE DESIGN GATE 800 TO 2000 OPERATOR LENGTH 36 MS

STATIC CORRECTIONS
☐ CDP GATHER
☐ EQUALIZATION
☐ VELOCITY ANALYSIS
☐ DATUM STATICS: TYPE VPS
VELOCITY 10000. FT/SEC
ELEVATION/POHCE CORRECTIONS
☒ WEATHERING CORRECTIONS

POST PROCESSING
☐ CORRELATION STATICS: No OF GATES 2
☐ FLATTENED AT MS
☐ OTHER CORRELATION STATICS APPLIED
☐ NORMAL MOVEOUT
☐ FIRST BREAK SUPPRESSION
☐ CDP STACK 12 FOLD
☐ DIGITAL FILTER
8-40 HZ 8-25 HZ

OTHER PROCESSES
☐ EQUALIZATION

DISPLAY FILTER OUT-OUT GAIN DB
COMMENTS

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

