

WELL VELOCITIES

CLIENT COLUMBIA OIL AND GAS

AREA KOTANEELFE

LINE ABD-001

SPs 9-93



FIELD PARAMETERS

SHOT BY FAIRFIELD INDUSTRIES PARTY DATE SEPT/1978
RECORDING SYSTEM DES V SEG B SOURCE DYNAMITE
SPREAD GEOMETRY 5880-220 X 220-5880 No TRACES 58
GROUP INT. 220. FT. S-P INT. 180. FT. FOLD 400. %
SEISMOMETERS PER GROUP 18 AT 12 FOOT INTERVALS
SOURCE GEOMETRY SINGLE HOLE FIELD FILTER 8/124
SOURCE SIZE 50-100 lbs.

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 FOR TRACE
DESIGN GATE 800 TO 2000 MS
OPERATOR LENGTH 18

2 CDP GATHER
4 EQUALIZATION
6 VELOCITY ANALYSIS TYPE YES

STATIC CORRECTIONS
8 DATUM STATICS: DATUM 1600. FT/SEC
VELOCITY 5000. FT/SEC
☒ ELEVATION/PHOLE CORRECTIONS
☒ WEATHERING CORRECTIONS

5 CORRELATION STATICS: No. OF GATES 2
☐ FLATTENED AT MS
9 OTHER CORRELATION STATICS APPLIED

POST PROCESSING
☐ NORMAL MOVEOUT
10 FIRST BREAK SUPPRESSION
11 CDP STACK 4 FOLD
12 DIGITAL FILTER

8-40 HZ 8-25 HZ

13 EQUALIZATION

OTHER PROCESSES
☐
☐
☐

DISPLAY FILTER OUT-OUT GAIN DB
COMMENTS

GEOPHYSICAL SERVICE INCORPORATED
CALGARY ALBERTA

PARTY 4403 PROJECT 133620 DATE DEC/78

