

WELL VELOCITIES

CLIENT COLUMBIA OIL AND GAS

AREA KOTANELEE

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 2800 - 2200 - 5280 NO TRACES 38
GROUP INT. 220. FT. SP. INT. 440. FT. FOLD 1200. 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 65%
No OPERATOR PER TRACE 1
DESIGN GATE 800 TO 2000
OPERATOR LENGTH 30 MS

2 CDP GATHER
4 EQUALIZATION
6 VELOCITY ANALYSIS
8 DATUM STATICS TYPE VPS
ELEVATION/UPHOLE CORRECTIONS
WEATHERING CORRECTIONS

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

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

8-40 HZ 8-25 HZ

13 EQUALIZATION

DISPLAY FILTER OUT-OUT GAIN DB
COMMENTS

GEOPHYSICAL SERVICE INCORPORATED
CALGARY ALBERTA

PARTY 4403 PROJECT 133620 DATE DEC/78

Columbia Oil and Gas Ltd.
Assemblage de la partie de la partie
des terres de la partie
H. 10 1990
Revised: Inspection Branch
Division de l'inspection des
sismogrammes
Project 133620

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SOUTH-EAST

