

WELL VELOCITIES

CLIENT COLUMBIA OIL AND GAS
AREA KOTANEELFEE
LINE ABD-002
SPs 7-166

FIELD PARAMETERS
SHOT BY FAIRFIELD INDUSTRIES PARTY DATE SEPT/1978
RECORDING SYSTEM DFS V SEG B SOURCE DYNAMITE
SPREAD-GEOMETRY 5280 X 220 X 220 - 5280 No TRACES 48
GROUP INT. 220. FT. SP INT. 880. FT. FOLD 800. Y.
SEISMOGRAMS PER GROUP 16 AT 12 FOOT INTERVALS
SOURCE GEOMETRY SINGLE HOLE FIELD FILTER B/124
SOURCE SIZE 50-100 lbs.

800 PACKAGE PROCESSING

PRE-PROCESSING

☐ TRANSCRIPTION 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 TRACK
DESIGN GATE 800 TO 2000
OPERATOR LENGTH 30 MS

2 CDP GATHER
4 EQUALIZATION
6 VELOCITY ANALYSIS

STATIC CORRECTIONS

☐ DATUM STATISTICS: DATUM 1500 VELOCITY 10000 FT/SEC
☒ ELEVATION/POD CORRECTIONS
☒ WEATHERING CORRECTIONS

5 CORRELATION STATISTICS: No of GATES 2
☐ FLATTENED AT MS
9 OTHER CORRELATION STATISTICS APPLIED

POST PROCESSING

☐ NORMAL MOVEOUT
☐ FIRST BREAK SUPPRESSION
11 CDP STACK 6 FOLD
12 DIGITAL FILTER

8-40HZ 8-25HZ

13 EQUALIZATION

OTHER PROCESSES

DISPLAY FILTER OUT-OUT GAIN DB

COMMENTS

GEOPHYSICAL SERVICE INCORPORATED
CALGARY ALBERTA

PARTY 4403 PROJECT 133620 DATE 10/78

Columbia Oil and Gas Limited
A Corporation
Administration des permis de forage et de gaz
du Alberta, du Canada
R.V. 10 1980
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