

Allegato 5 a Data FEBB. 1985 Disegno n° 670/4

SW 156 LINE CH 394-81 354 NE

PL N° 22 C 1200 % DECON TVF MAR 29 82

**FIELD RECORDING 1200 %**  
Contractor GUS-EUROPE

SHOOTING DATE OCT 8 12 1981

**RECORDING EQUIPMENT**  
HOOR 4200 96 TRACES  
TAPE N° 7594, 7595, 7596  
AMPLIFIERS  
FILTERS 15Hz / 24dB-oct  
SAMPLING 2 ms  
RECORDING LENGTH 7 s

**SOURCE**  
EXPLOSIVE total charge 2 to 7 kg  
DEPTH 30 m (1 hole)  
SHOT  
OFFSET 20 + 20 m  
DISTANCE BETWEEN SP 160 m

**GEOPHONE SPREAD**  
TYPE SENSOR SM-6B  
FREQUENCY 10Hz  
N° OF TRACES 96  
DISTANCE BETWEEN TRACES 40m  
GEOPHONES / TRACE 18

**SURFACE CORRECTIONS**  
METHOD CS + VT  
VELOCITIES 1800 - 2000m/s

Comments

**DIGITAL PROCESSING**  
4 ms Sampling

- AMPLITUDE RECOVERY
- RESAMPLING 2ms to 4ms
- REFLECTION POINTS (RP) GATHERING
- STATIC CORRECTIONS (from ground level to DPC)
- BAND PASS FILTER : 10-80Hz
- DECONVOLUTION MINIMUM PHASE  
gates: 200 - 1000ms L=100ms - F=1050  
700 - 2500ms ""  
2000 - 4500ms ""
- VELOCITY ANALYSIS (ANVT together)
- NMO CORRECTIONS (linear interpolation between velocity functions)
- AUTOMATIC STATIC ADJUSTMENT
- STACK 1200 % FOLD
- TIME VARIANT FILTER\*
- TRACE EQUALIZATION : L=1000 ms
- STATIC CORRECTIONS (from DPC to DP)
- ANALOG DISPLAY

\*Origin of times is at the DP of computation (DPC-average ground level) DPC on the section

HORIZONTAL SCALE 0.5km  
VERTICAL SCALE 10cms = 1 sec  
VELOCITY OF HOMOGENEITY 2000 m/s  
DATUM PLANE AT 0 m

\* CGG's processing code

COMPAGNIE GENERALE DE GEOPHYSIQUE  
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