



6 - FOLD COVERAGE

Recording Data

Contractor PRALIA Party ITALY III  
 Contract No. 70141  
 Recording period AUGUST 1970  
 Subsurface coverage 600  
 Instrument type BINARY GAIN TI 11000, MDC-12  
 Length of record 6 s. sample rate 2 cps.  
 Recording filter low-cut 12 cps. high-cut 18 cps. direct  
 Gain control BINARY GAIN  
 Receiver type HS - J 14  
 Manufacturer type K 40 length m. submerged m.  
 No. of receiver groups 24 spacing 45 m.  
 Length of a group 70 m. no. of receivers per group 24  
 Receiver array 
 Energy source DYNAMITE (GEOIDIN B)  
 Depth of charge m. charge kg.  
 Shotpoint spacing 90 m.  
 Energy source array SINGLE HOLES

Processing Sequence

- Analog to digital conversion from AM/FM tapes
- Input 9 track format SEG - A
  - Sample rate 2 ms
  - Time-amplitude recovery (TAR)
  - Vertical stacking fold
  - Static corrections datum level 1000 m a.s.l.  
Correction velocity 3600 m/s  
Dynamic corrections derived from
  - Trace gathering
  - Horizontal stacking 6 fold  
Optical stacking fold
  - Deconvolution type SPIKE  
Operation length 56 ms. design gate 600 3000 ms  
Shaping filter type cps. prediction interval ms  
Deconvolution type  
Operation length ms. design gate ms  
Shaping filter type cps. prediction interval ms
  - Frequency filter  
Low-cut cps. direct  
High-cut cps. direct  
60 12 24 55 24

Configuration between shot and receiver  
 SP 24 ENE 1  
 X 0 562.5m 159.5m

Remarks  
 SEZIONE IDROCARBURI  
 di ROMA  
 - 8 NOV. 1964  
 Prof. N. 4718

Display Data

Analog filter low-cut high-cut  
 Trace spacing 1.8 mm  
 Scale horizontal 12500 vertical 20  
 Remarks ONE-WAY TIME

- Automatic frequency filter type 3, (R)<sup>2</sup>
- Gain control type gate ms
- Normalization after step 2, 8
- Remarks # ) TWO-WAY TIME

Input no. DR. BROSSO No. 8194  
 Supervisor DR. KÖLLER

AUTOCORRELATION

SP 21

AFTER BEFORE

DECONVOLUTION

5.1

WSW CPT-10 ENE

4.1 3.1 2.1 1.1

0s

0.5

1.0

1.5

2.0

2.5

ONE WAY TIME

