

127.35.06

A6823

SEZIONE IDROCARBUURI AGIP SPA

CRISPIANO

di NAPOLI  
19 DIC. 1981  
Prol. 64/11  
Ses. \_\_\_\_\_  
Proiz. \_\_\_\_\_

SW 250  
SP 248

LINE TA 302.80 EXP 101 NE  
101

1273506  
0589  
1 TSD  
1 FILE

PL N° 102

AMCO-D - 6500%

JULY 24 80

**FIELD RECORDING 6500 %**  
Contractor C. G. G.

SHOOTING DATE ..... MAY 15 23 80

**RECORDING EQUIPMENT**

GUS BUS ..... 144 TRACES  
TAPE N° ..... 23423-23424  
AMPLIFIERS .....  
FILTERS ..... Lc out HC 110Hz  
SAMPLING ..... 2ms  
RECORDING LENGTH ..... 7s

**SOURCE**

EXPLOSIVE dynamite total charge 10 to 20 kg  
DEPTH ..... 0.20m ( holes)  
SHOT ..... Poulter  
OFFSET ..... lateral + 20 m  
DISTANCE BETWEEN SP ..... 40 m

**GEOPHONE SPREAD**

TYPE ..... SENSOR SM4  
FREQUENCY ..... 10 Hz  
N° OF TRACES ..... 130  
DISTANCE BETWEEN TRACES ..... 40 m  
GEOPHONES / TRACE ..... 18 to 36

**SURFACE CORRECTIONS**

METHOD ..... CS+VT  
VELOCITIES .....  $V_c = 3500$  m/s

Comments .....

**DIGITAL PROCESSING**  
4 ms Sampling

- RESAMPLING 2 ms to 4 ms
- REFLECTION POINTS (R.P) GATHERING
- TRACE EQUALIZATION
- DECONVOLUTION 120 ms  
gates: 300 - 1200 ms
- BAND PASS FILTER 10/70
- STATIC CORRECTIONS ( from ground level to DPC )
- CONTINUOUS VELOCITY ANALYSIS ( velocity scan )
- NMO CORRECTIONS ( linear interpolation between velocity functions )
- EDITING MUTES
- AUTOMATIC STATIC ADJUSTMENT ( WITH REITERATION )
- STACK 6500X FOLD
- TIME VARIANT FILTER
- STATIC CORRECTIONS ( from DPC to DP )
- SPATIAL COHERENCE ENHANCEMENT ( AMCO-D) dips  $\pm 4$  ms/trace
- TRACE EQUALIZATION
- ANALOG DISPLAY

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

HORIZONTAL SCALE ..... 0.5 Km  
VERTICAL SCALE ..... 10 cms = 1 sec  
VELOCITY OF HOMOGENEITY ..... 1250 m/s  
DATUM PLANE AT ..... 0 m

COMPAGNIE GENERALE DE GEOPHYSIQUE  
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