

Prospect **LUCANIA** Line **6**
Prospect No. **069 084** SP: **797.5 - 999.5**

Scale **600 %**

Recording Data:

Field party: PRAXIA ITALIAN VII
 Prospect No./date: 069084-1989
 Coverage: single & fold stack
 Instruments: 11 10000 (400 Hz) db/oct
 Filters: Lowcut 10 cps 36 db/oct
 Highcut 300 cps
 Gain control: AGC PGC ganged AGC
 Type of geophone: geophone
 Main cable type: SM 2 (10 cps)
 Length: submerged m
 Spacing: 24 m
 Seismometer group number: 24
 Seismometers per group: 24
 Length of one seismometer group: 70 m
 Spread lay-out: SP 999.5
 Shot/Vibrator pattern/configuration: 24
 Length of shot/vibrator pattern: 21 m
 Depth of shot: m
 Survey direction: SW NE

Processing:

Input: AW Stack Format
 V: Calculation: SP
 W: Amplitude correction on plane waves
 Trace equalization
 Programmed gain
 Static correction datum: -500 m s.l.
 Dynamic corrections
 Autocorrelation: SP
 Retrocorrelation: SP
 Power spectrum: SP
 Decomposition
 Operator length: 11 mac 21
 Gate: 11 21
 Signal: / cps
 Autocorrelation: SP
 GERT (RESIDUAL STATISTICS)
 Horizontal stacking: 6-fold
 Optimum noise blanking: fold
 Vertical stacking: fold
 Optimum vertical stack: fold
 Trace gathering: fold
 Frequency filtering
 Tracetime: Low cut High cut
 0-6.0 cps 36 4.5 24
 Optimum filtering
 Velocity filtering: Operator length mac
 Mixing: width fold
 Gain control: 1 2 8
 Normalization after: 2, 8

Play-back Data:

Instruments: Digis Sigs Sigs Sigs
 Filters: Lowcut cps db/oct
 Highcut cps
 Gain control: AGC PGC Reg
 Mixing: Trace spacing: 20 mm Display: Wiggle-Density / VAR
 Vertical scale: 1 s = 20 cm
 Horizontal scale: 1: 1000
 Remarks: NMO VELOCITIES REFER TO SURFACE

Remarks: NOTCH FILTER AGAINST 50 cps
 Author: FLDHR
 Supervisor: DANIELMANN
 Date: FEBRUARY 24th 1990
 1141/02/70
 6169

