



Prof. N. 4287
 2 000 1991
 SEZIONE IDROCARBURI
 E GEOTERMA DI NAPOLI



SICILY CHANNEL C.93.R.I
 LINE : C90 - 0103
 NE 809 100 SE

TIME MIGRATION
 127 M6 65 PL : 03MR

FIELD RECORDING
 VESSEL: WESTERN ARCTIC P 103 ENERGY SOURCE: AIRGUN
 Contractor: WESTERN ARCTIC P 103 Capacity: 3840 cu. in.
 Recording date: 26-05-90 Pressure: 1800 PSI
 Navigation system: SILEX'S Depth: 2 m
 SP interval: 20 m
 INSTRUMENTS: LIS 10 CABLE: 3666 67 m
 Formal: SEG D - 0 tracks 5000 SPS Depth: 10 m
 Filters: H.C. 120 Hz 120dB/oct. Offset: 277 m
 L.C. 0 Hz 18 dB/oct. Group: 13.33 m
 Sampling interval: 2 m Group interval: 13.33 m
 Recording length: 6 s Hydrophones: 6/trace

PROCESSING
 Processing length: 5 s
 Sampling interval: 4 ms

SEQUENCE
 Reformatting (1 min) Stack 92008 (1 FT down)
 True amplitude recovery (1 min) Time migration 928 stack vel
 Deconvolution 742 Hz Time 1000 ms 928 stack vel
 Source and cable corrections Time 0000 ms 908 stack vel
 Tailor down transform Time 0000 ms
 Predictive deconvolution Time 0000 ms
 Operator length 240 ms Time 0000 ms
 Gap 28 ms 0 - 300 Hz
 Window 300 - 2000 ms 600 - 1800 Hz
 Scaling 1/40 Hz 1200 - 1800 Hz
 T2 time return (1/40 Hz) Trace equalization 0 - 600 Hz
 Velocity analysis (1/40 Hz) L 800 ms 1000 - 5000 Hz
 20 ft editing
 Shots and receivers datuming down Display by laser plotter
 Receivers and shots datuming up
 Spike reject auto
 N2 corrections

POLARITY
 MAIN LOBE OF SYMMETRICAL SIGNAL - BLACK - POSITIVE REFLECTION
 COHERENT - POSITIVE INCREASE OF REFRACTORS
 LITHOLOGICAL POLARITY

TIME ORIGIN
 MEAN SEA LEVEL

DISPLAY PARAMETERS
 Horizontal scale: 1:2000
 Vertical scale: 1 s = 1 km
 50 traces = 1 km

