

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

NW4015 LINE G82.57C 3300SE

BOAT MOTION ←

PL N°857

STACK 4800%, DBS.TVF

JAN 20 83

FIELD RECORDING 4800 %
Contractor: G.S.I.

SHIP

M/V ARCTIC SEAL
NAVIGATION BY: SYLIDS
SHOOTING DATE: AUG 27 82

INSTRUMENTS

DIS. X: 9 tracks 1000 SFI
FORMAT: Low 8 Hz, high 128 Hz
FILTER: Low 8 Hz, high 128 Hz
SAMPLING: 2 ms

SOURCE

AIRGUN ARRAY: 4 m
DEPTH: 2000 ± ft
CAPACITY: 25 m
SP INTERVAL: 25 m

STREAMER

LENGTH: 2400 m
DEPTH: 16.5 m
GROUPS: 86
GROUP INTERVAL: 25 m

Diagram of streamer and source

Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RE-SAMPLE TO 4 ms
DEMULTEPLEX EDIT
TRACE REWIND 1/4 s
TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE COMPENSATION
AIRGUN DELAY: 31 ms

MUTES

DECONVOLUTION: Operating length: 200 ms
Window: 2000 ms
2000/4000 ms

VELOCITY ANALYSIS (XANVT EVERY 3 ms)

WAVE CORRECTIONS (Linear - integration - squares - velocity functions)

STACK 4800%

SHOT AND STREAMER STATIC -15 ms

TIME VARIANT FILTER: From sea bottom: 10-80 Hz
High cut: 100 Hz
Low cut: 0.1 Hz

TRACE EQUALIZATION: 10-80 Hz
ANALOG DISPLAY

* TIME ZERO MS

POLARITY

Compressor: compression - negative number on field trace
Receiver: negative trough on display

TIME ORIGIN: 0 m/s
Source and streamer static correction applied: +15 ms

HORIZONTAL SCALE: 0.5 km
80 Traces/km

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Geological map of Sicily Zone G. The map shows a grid of survey lines and station locations. The grid is oriented with North (N) at the top. The map includes a scale bar and a north arrow. The title 'AGIP SICILY ITALY ZONE G' is prominently displayed. The map shows a complex pattern of lines and stations, indicating a detailed seismic survey area.

Seismic reflection profile showing geological structures. The profile is a cross-section of the earth's crust, with depth on the vertical axis (0 to 7000 meters) and distance on the horizontal axis (4015 to 3300 meters). The profile shows various geological features, including a prominent anticline structure in the center. The seismic data is displayed as a series of wavy lines, representing reflections from different rock layers. The profile is labeled with 'LINE G82.57C' and 'STACK 4800%, DBS.TVF'.

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