

Party: 2903*

AGIP S.p.A.

SICILY
ZONE G

SW631

LINE G82.34

1160 NE

BOAT MOTION

→

PL N°555

STACK 4800%. DBS.TVF

DEC 9 '82

FIELD RECORDING 4800 %
Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY..... SYLDEIS

SHOOTING DATE..... JUNE 23 '82

INSTRUMENTS

DPS X.....

FORMAT..... 9 tracks 1600 BPI

FILTER..... Low 8 Hz - High 128 Hz

SAMPLING..... 2 ms

SOURCE

AIRGUN ARRAY.....

DEPTH..... 6 m

CAPACITY..... 2000 m³

SP INTERVAL..... 25 m

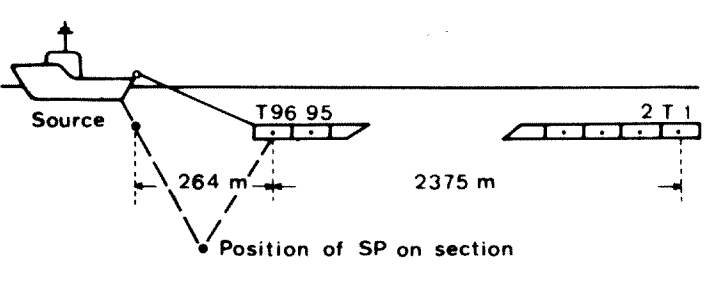
STREAMER

LENGTH..... 2400 m

DEPTH..... ± 16.5 m

GROUPS..... 96

GROUP INTERVAL..... 25 m



Source

264 m

2375 m

Position of SP on section

DIGITAL PROCESSING P5
Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULTIPLEX EDIT

TRACE MERGING 3/2*

TRUE AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

NOTES

DECONVOLUTION

Operator Length 200 ms

Windows * 2000-4000 ms

VELOCITY ANALYSIS (ANVIT EVERY 3km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

OFFSET DEPENDENT SCALING

STACK 4800 %

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER *

0-400 ms 12/60 Hz

900 ms 12/45 Hz

1400 ms 8/45 Hz

2000 ms 8/45 Hz

2600-6000ms 6/35 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

*TIME ZERO WB

POLARITY

Geophone compression - negative number on field tape

white trough on display

TIME ORIGIN M.S.L.

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE

0.5 km

80 Traces/km

* C.G.G.'s processing code 127-M5.B6

 COMPAGNIE GENERALE DE GEOPHYSIQUE

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