

Party: 2903*

AGIP S.p.A.

SICILY

ZONE G

SSW 3166

LINE G82.114 A

3641 NNE

BOAT MOTION

PL N°472

STACK 4800%. DBS.TVF

NOV 29 82

FIELD RECORDING 4800 %

Contractor G.S.I.

SHIP

M/V ARCTIC SEAL

NAVIGATION BY SYLDES

SHOOTING DATE JULY 20 82

INSTRUMENTS

D/S X 9 tracks 1600 BPI

FORMAT low B Hz - high 128 Hz

SAMPLING 2 ms

SOURCE

AIRGUN ARRAY 6 m

DEPTH 2000 m

SP INTERVAL 25 m

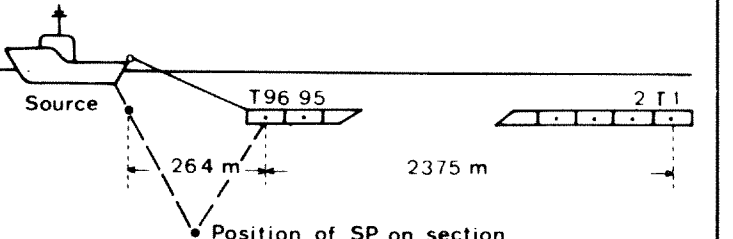
STREAMER

LENGTH 2400 m

DEPTH 5 16.5 m

GROUPS 96

GROUP INTERVAL 25 m



DIGITAL PROCESSING P5

Sequence in 4 ms

RESAMPLE TO 4 ms

DEMULTEX EDIT

TWO AMPLITUDE RECOVERY

SPHERICAL DIVERGENCE COMPENSATION

AIRGUN DELAY 51 ms

MUTES

DECONVOLUTION

Operator length 200 ms

Windows 0 2000 ms

2000 4000 ms

VELOCITY ANALYSIS (ANUVT EVERY 3 km)

NMO CORRECTIONS (Linear interpolation between velocity functions)

DEPTH DEPENDENT SCALING

STACK 4800

SHOT AND STREAMER STATIC +15 ms

TIME VARIANT FILTER

0-400 ms 12/60 Hz

400-800 ms 9/45 Hz

800-2000 ms 6/30 Hz

TRACE EQUALIZATION

ANALOG DISPLAY

POLARITY

Geophone compression negative number on field tape

white trough on display

TIME ORIGIN M.S.I.

Source and streamer static correction applied +15 ms

HORIZONTAL SCALE

80 Traces/km

0.5 km

* C.G.G.'s processing code 127 M6.86

 COMPAGNIE GENERALE DE GEOPHYSIQUE

8, Rue Galvani - 91301 MASSY - FRANCE

