



AGIP

ADRIATIC SEA: ZONE D
LINE D499 (T.V.F.)

RIPROCESSATA

MAY 1968 GEOPHYSICAL SERVICE INTERNATIONAL LTD.

SHOOTING PARAMETERS

24-Fold Off End
Shot by G.S.I. PTY. 908
Cable Length 1600m
Group Interval 65 m
Shot Point Interval 4x33m
Average Shot Offset 397 m.
Charge AIR GUN
Average Seis Depth 11 m.

RECORDING PARAMETERS

System 10,000
Record Length 5-0
Sample 4 ms
GAGC Trip 0.7 sRate 80 db/s
Int. 64 db Final 100db
Filters Hi 70 cps 24 db/oct
Lo 8 cps 24 db/oct
4 ms Anti Alias Filtering

SEIS EDIT & NMO

TAR Applied
 $\alpha = 4.0$ db/sec. 0-4.0 sec.
Equalization 1.0 - 4.0 sec.
Water Velocity 1494 m/sec.

DECONVOLUTION

SRB12176 - SRB12185
Time Invariant ARD
Filter Length 212 m.sec.
Gate Length 2800 m.sec.
No. of Gates Trace I
Initial Times
 $Tr_1 = 1.4$ sec. $Tr_{24} = 0.31$ sec.
Final Times
 $Tr_1 = 4.2$ sec. $Tr_{24} = 3.51$ sec.

DECONVOLUTION

SRB12110 - SRB12175
Time Varying ARD I
Filter Length 212 m.sec.
Gate Length 2200 m.sec.
No. of Gates Trace 2
Initial Times Gate No. I
 $Tr_1 = 1.4$ sec. $Tr_{24} = 0.66$ sec.
Final Times Gate No. 2
 $Tr_1 = 4.7$ sec. $Tr_{24} = 3.96$ sec.

24-FOLD STACK

First Break Suppression
 $Tr_{24}, Tr_{23} = 0$ secs $Tr_{12}, Tr_{11} = 1.1$ secs.
 $Tr_{22}, Tr_{21} = 0.1$ secs $Tr_{10}, Tr_9 = 1.3$ secs.
 $Tr_{20}, Tr_{19} = 0.3$ secs $Tr_8, Tr_7 = 1.4$ secs.
 $Tr_{18}, Tr_{17} = 0.5$ secs $Tr_6, Tr_5 = 1.5$ secs.
 $Tr_{16}, Tr_{15} = 0.7$ secs $Tr_4, Tr_3 = 1.6$ secs.
 $Tr_{14}, Tr_{13} = 0.9$ secs $Tr_2, Tr_1 = 1.7$ secs.

DISPLAY

Analog Filters OUT - OUT
Straight Gain
 $+12 + 0 - 6 = +6$

Tape HTL - 2645

REQ. No. L-4850

Section No. 2607-C

System Code C S A

Assembled by V. GEADA

Checked by R. W. J. NE.

