



AGIP
ADRIATIC SEA ZONE B
LINE B-427

OCTOBER 1967 GEOPHYSICAL SERVICE INTERNATIONAL LTD.
 Processing fidelity preserves bandwidth associated with 4ms data sample with 1ms time resolution

SHOOTING PARAMETERS

12-Fold, Off-End
 Shot by G.S.I. Pty. 906
 Cable Length 2400m
 Group Interval 100m
 Shot Point Interval 100m
 Average Shot Offset 96m
 Charge Size 50lb
 Average Seis Depth 17 m

RECORDING PARAMETERS

System 9000
 Record Length 5.0 sec
 Sample 2 ms
 GAGC Trip 78s. Rate 80db/s
 Init. 43db. Final 100db
 Filters: Hi 75cps 24 db/oct.
 Lo 8cps 24 db/oct.
 2 ms. Anti-Alias Filtering

SEIS EDIT & NMO

TAR Applied
 α_1 4.0 db/sec 0.4-0sec
 Equalization 2.0-4.5 sec
 Water Velocity 1524 m/sec
 Replacement Vel 1524 m/sec

DECONVOLUTION

Time invariant ARD 1
 Filter Length 252 msec
 Gate Length 2600 msec
 No. of Gates / Trace 1
 Initial times, Gate No. 1 -
 Tr 1: 8 sec, Tr 2: 0.42 sec
 Final times, Gate No. 1 -
 Tr 1: 4.4 sec, Tr 2: 24.302 sec

12-FOLD STACK

First Break Suppression
 T₁ 0 sec T₂ 1.60 sec
 T₁ 0.20 sec T₂ 1.80 sec
 T₁ 0.60 sec T₂ 2.00 sec
 T₁ 1.00 sec T₂ 2.10 sec
 T₁ 1.20 sec T₂ 2.20 sec
 T₁ 1.40 sec T₂ 2.30 sec
 T₁ 1.60 sec T₂ 2.40 sec
 Equalization 0.8-4.0 sec

DIGITAL FILTERING

Time Varying YES
 Filter Length 136 ms
 O/P Sample Period 4 ms
 O/P Record Length 5 sec

→ N.E.

