



AGIP

ADRIATIC SEA : ZONE D LINE DR 284 (TVF)

SHOT:
March 1969
PROCESSED:
June 1969

GEOPHYSICAL SERVICE INTERNATIONAL LTD

SHOOTING PARAMETERS

24-Fold, Off-End, Air Gun
Shot by G.S.I. Pty. 908
Cable Length 1600m
Group Interval 86.6 m
Shot Point Interval 133.3 m
Average Shot Offset 289 m
Total Gun Size 900 cubes
Average Seis. Depth 12m

RECORDING PARAMETERS

System 10 K
Record Length 5.0 sec.
Sample 4 msec.
QAQC Trip 1.2 aRate 60 db/db
Init. 80 dbFinal 110 db
Filters: H. 70 cps 24 db/oct
Lo 8 cps 24 db/oct
4 ms. Anti-Alias Filtering

SEIS EDIT & NMO

TAR Applied
or, 4.0 db/sec. 0.5-4.0 sec
Equalization 1.5-4.0 sec.
Water Velocity 1524 m/sec
Replacement Vel. 1524 m/sec

24-FOLD STACK

First Break Suppression
 $T_{10}, T_{20} = .20$ sec $T_{10}, T_{20} = 1.70$ sec
 $T_{30}, T_{40} = .70$ sec $T_{10}, T_{20} = 1.77$ sec
 $T_{10}, T_{20} = 1.00$ sec $T_{10}, T_{20} = 1.05$ sec
 $T_{10}, T_{20} = 1.50$ sec $T_{10}, T_{20} = 1.20$ sec
 $T_{10}, T_{20} = 1.80$ sec $T_{10}, T_{20} = 1.00$ sec
 $T_{10}, T_{20} = 1.60$ sec $T_{10}, T_{20} = 2.00$ sec
Equalization 0.5-4.0 sec.

DECONVOLUTION

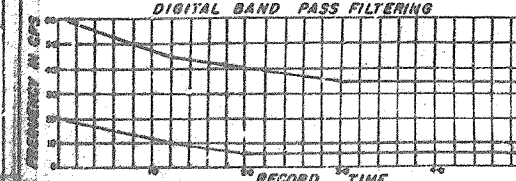
Filter Length 396 msec.
Gate Length 4500 msec.
No. of Gates / Trace 1
Initial Lines, Gate No. 1:
T. 1.0.0 sec, R. 25.0.3 sec.
Final Lines, Gate No. 1:
T. 1.8.0 sec, R. 24.5.0 sec

T. V. NORMALIZATION

12 Normalization Gates
Gate 1: 0.4 - 1.0 sec
Gate 12: 3.7 - 4.3 sec
Scales applied in a
Time-Varying manner,
with a 50% Overlap.

EXPONENTIATION

$\alpha = 10$ db/sec
 $\beta = 0$ db
 $T_1 = 20$ sec
 $T_2 = 30$ sec



DISPLAY

1X24 Fold Coverage
Analog Filters OUT-OUT
Straight Gain in db.
 $+12 + 0 - 16 = -4$
Tape HTL 8610

