



AGIP

ADRIATIC SEA : ZONE D
LINE DR 235 (TVF).

SHOT
1 March 1969
PROCESSOR
May 1969

GEOPHYSICAL SERVICE INTERNATIONAL LTD.

SHOOTING PARAMETERS

24-Fold Off-End, Air Gun
Shot by G.S.I. Party 908
Cable Length 1600 m
Group Interval 65.6 m
Shot Point Interval 55.3 m
Average Shot Offset 298 m
Total Gun Size 900 cu in
Average Seis Depth 7 m

RECORDING PARAMETERS

System 10 K
Record Length 5.0 sec
Sample 4 m.secs
GAGC Trip 1-G Rate 80 db/s
Initial 70 db Final 110 db
Filters Hi - 70 cps 24 db/oct
Lo - 8 cps 24 db/oct

SEIS EDIT & NMO

TAR Applied
X 3.0 db/sec. 0.5-5.0 sec
Equalization 1.5-4.0 sec
Water Velocity 1524 m/sec
Replacement Vel 1524 m/sec

24-FOLD STACK

First-Break Suppression
 $T_{1a}, T_{1b} = 0$ secs $T_{2a}, T_{2b} = 1.15$ secs
 $T_{3a}, T_{3b} = 0.65$ secs $T_{4a}, T_{4b} = 1.40$ secs
 $T_{5a}, T_{5b} = 0.60$ secs $T_{6a}, T_{6b} = 1.55$ secs
 $T_{7a}, T_{7b} = 0.75$ secs $T_{8a}, T_{8b} = 1.65$ secs
 $T_{9a}, T_{9b} = 0.85$ secs $T_{10a}, T_{10b} = 1.75$ secs
 $T_{11a}, T_{11b} = 1.00$ secs $T_{12a}, T_{12b} = 1.85$ secs
 Equalization 0.5 - 4.0 sec

DECONVOLUTION

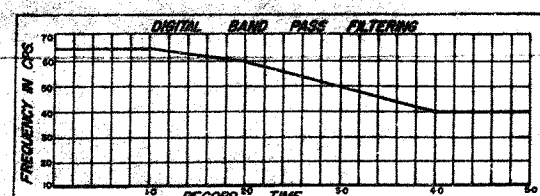
Time Variant
Filter Length 256 msec
Gate Length 3155 msec
No. of Gates / Trace 2
Initial times, Gate No. 1 -
Tr 1 0.3 sec, Tr 24 0.3 sec
Final times, Gate No. 2 -
Tr 1 5.0 sec, Tr 24 5.0 sec

T.V. NORMALIZATION

12 Normalization Gates
Gate 1: 0.2-0.8 sec
Gate 12: 3.4-4.0 sec
Scales applied in a
Time-Varying manner
with a 50% Overlap

EXPONENTIATION

$\alpha = 10$ db/sec
 $\beta = 0$ db
 $T_1 = 1.875$ sec
 $T_2 = 2.875$ sec



DISPLAY

1 X 24 Fold Coverage
Analog Filter OUT - OUT
Straight Gain in db.
+12 +0 -14 = -2
Type HTL 1940

Section No. 12182 C
System Code MESD

SEZIONE IDROGEOLOGICA
di NAPOLI
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