AGIP

ADRIATIC SEA : ZONE D
LINE DR-217 (TVF).

SHOT MARCH 1969
PROCESSED
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	66·6 m
Shot Point Interval	133·3 m
Average Shot Offset	293 m
Total Gun Size	900 cu.in.
Average Seis. Depth	12 m

RECORDING PARAMETERS	
System:	10 K
Record Length	5·0 secs
Sample	4 m.secs
GAGC Trip 1·6 s Rate 80 db/s	
Init 60 db Final 110 db	
Filters Hi 70 cps 24 db/oct	
Lo 8 cps 24 db/oct	
Anti - Alias Filtering	

SEIS EDIT & NMO
TAR Applied
α 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.

ADJUSTED FOR DEEP WATER
24 - FOLD STACK
First Break Suppression.
Tr_{p4}, Tr_{28} = 0 secs Tr_{10}, Tr_{k} = 1·42 secs
Tr_{p2}, Tr_{22} = 0·30 secs Tr_{10}, Tr_{2} = 1·47 secs
Tr_{10}, Tr_{17} = 0·70 secs Tr_{6}, Tr_{6} = 1·52 secs
Tr_{14}, Tr_{17} = 0·90 secs Tr_{6}, Tr_{6} = 1·59 secs
Tr_{14}, Tr_{16} = 1·15 secs Tr_{4}, Tr_{6} = 1·64 secs
Tr_{14}, Tr_{19} = 1·32 secs Tr_{2}, Tr_{1} = 1·67 secs
Equalization 0·5 - 4·0 secs
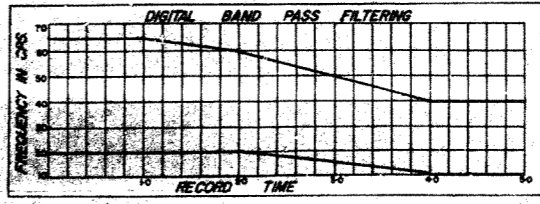
GATES ADJUSTED FOR WATER BOTTOM VARIATIONS
DECONVOLUTION
Time Invariant
Filter Length 396 msec
Gate Length 4000 msec
No. of Gates / Trace 1
Initial times,
Tr.1 1·0 sec, Tr.24 1·0 sec.
Final times,
Tr.1 5·0 sec, Tr.24 5·0 secs

T. V. NORMALIZATION
12 Normalization Gates
Gate 1: 0·2 - 0·8 secs
Gate 12: 3·4 - 4·0 secs
Scalers applied in a
Time - Varying manner
with a 50% Overlap

EXPONENTIATION
α = 6 db/sec
β = 0 db
T_1 = 1·1 secs
T_2 = 2·1 secs

DIGITAL BAND PASS FILTERING

DISPLAY
1 X 24 Fold Coverage
Analog Filter: OUT - OUT
Straight Gain in db.
+ 12 + 0 - 18 = -6
Tape HTL 11347

Section No.	11142 C
System Code	M.E.S.D.

SEZIONE IDROCARBURI
di NAPOLI
3 1 MAG. 1976
N. 2189

NNE →