



SIR

ADRIATIC

LINE BS-42

Date Processed: MAY 1970
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: 232 m.
Total Gun Size: 900 cu ins.
Average Seis Depth: 12 m.

RECORDING PARAMETERS

System: D.F.S. III Binary Gain
Record Length: 5.0 secs., Sample 4 msec.
Gain Expansion rate: 1500 db/sec.
Release Rate: 94 db/sec.
Initial gain: 42 db, Final Gain: 90 db
Gain constant: 30 db, Trip delay: 1.280 sec.
Filters: H: 62 Hz, 72 db/oct
L: 8 Hz, 18 db/oct
4 ms Anti-Alias Filtering

VERTICAL STACK

TAR Applied
C_x 4.0 db/sec. 0.0-4.0 sec.
Two-Fold Vertical Stack

SEIS EDIT & NMO

Static and Dynamic Correction
Equalization 1.5-4.0 sec.
Water Velocity 1524 m/sec.
Replacement Vel. 1524 m/sec.

12-FOLD STACK

First Break Suppression
1-Fold = 0.40 secs. 7-Fold = 1.25 secs.
2-Fold = 0.60 secs. 8-Fold = 1.38 secs.
3-Fold = 0.80 secs. 9-Fold = 1.52 secs.
4-Fold = 0.95 secs. 10-Fold = 1.59 secs.
5-Fold = 1.05 secs. 11-Fold = 1.66 secs.
6-Fold = 1.15 secs. 12-Fold = 1.72 secs.
Equalization: 1.5-4.0 secs.

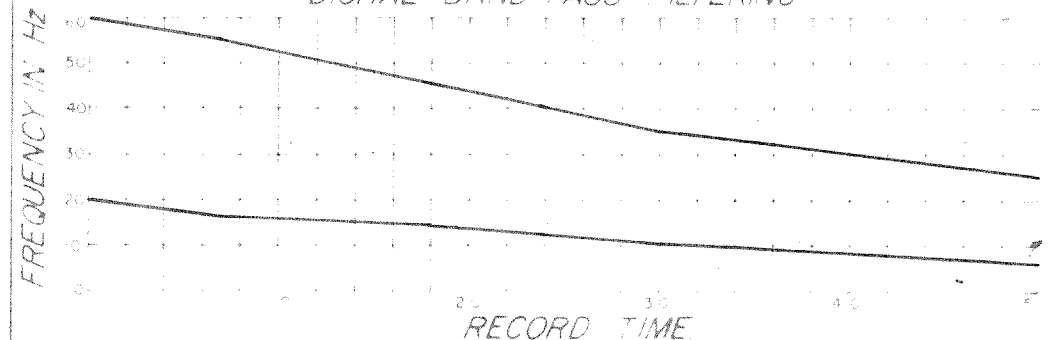
DECONVOLUTION

Time Variant
Filter Length 228 msec.
Gate Length 2667 msec.
No. of Gates / Trace 2
Initial times, Gate No. 1:-
Tr. 10.5 sec, Tr. 24. 0.5 sec.
Final times, Gate No. 2:-
Tr. 14.5 sec, Tr. 24. 4.5 sec.

T.V. NORMALIZATION

6 Normalization Gates
Gate 1: 0.25-1.04 secs.
Gate 6: 4.21-5.00 secs.
Scalers applied in a
Time-Varying manner.

DIGITAL BAND PASS FILTERING



DISPLAY

2x12 Fold Coverage
Analog Filters OUT-OUT
Request No.: L-6443
Tape H-L SN-3-3
Section No.: 36 III

S.E.

SEIZ CONTROL CARBURI
19 1 1970
Proc. N. 2059
S.B-6
8/3

LINE BS44
S.P. 14360

