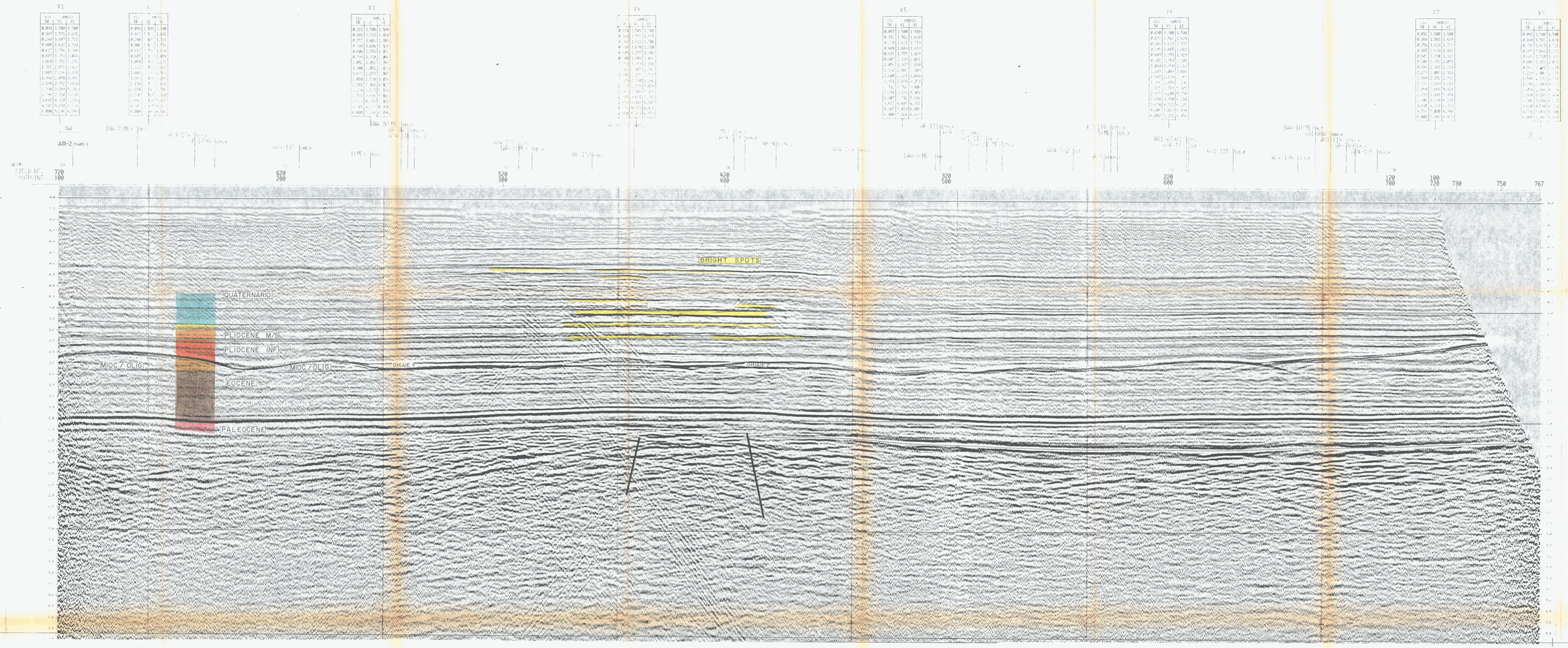
LINE A84-206



A4163

Agip

Allegato | Data SETTEMBRE 1984 | Disegno n° 2406

ADRIATIC SEA

LINE: A84-206

SP 100 TO SP 720*

NORTH-WEST

DBAS CONSTANT SCALING

PERMITS A.R52.ME + A.R45.IR

INDEX MAP

RECORDED BY:
HORIZON EXPLORATION LTD.
RIGS:
NORTHERN HORIZON
DATE:
MARCH 84

PROCESSED BY
84140350
SEEREISGRUPPE
SUPERVISOR: WEBER-J
DATE:
18.06.1984

PRAKLA-SEISMOS

RECORDING DATA

SOURCE: TYPE BOLT PAR AIRGUNS

GUN DEPTH: 5 M
NUMBER OF GUNS: 16
VOLUME: 2020 CU.IN.
PRESSURE: 2000 P.S.I.
SHOT INTERVAL: 25 M
S.O.D. TO SHOT: 55 MS

CABLE: 2400 M PRAKLA-SEISMOS STREAMER

CENTRE ARRAY TO CENTRE NEAR TRACE 100 M
HYDROPHONES / SECTION: 120
SECTION LENGTH: (1RH-3T10)
NO. OF GROUPS: 96
GROUP LENGTH: 25 M
CABLE DEPTH: 4-12 M AVERAGE
DISTANCE ANTENNA - SOURCE CENTRE: 85 M

RECORDING SYSTEM: DFS V

RECORD LENGTH: 6.0 SEC
RECORDING FOLD: 48 FOLD, 96 TRACES
SAMPLE RATE: 2 MS
FORMAT: SEG B 1600 BPI
RECORDING FILTER: LOW CUT: 16 HZ: 18 DB/OCT
HIGH CUT: 128 HZ: 72 DB/OCT

PROCESSING SEQUENCE

1. DEMULTIPLEX
2. ANTIALIAS FILTER
3. ANTIALIAS FILTER 30 HZ
4. RESAMPLING 2 MS TO 4 MS
5. AMPLITUDE CORRECTIONS FOR SPHERICAL DIVERGENCE
6. S.O.D. CORRECTIONS 55 MS
7. DECONVOLUTION
8. D.B.S. (SEE BELOW)
9. DYNAMIC CORR. DERIVED FROM: VELOCITY ANALYSES GERA - EVERY 3 KM
10. STATIC CORR. DERIVED FROM: WATER DEPTH
11. HORIZONTAL STACKING 48 - FOLD
12. SHOT AND STREAMER CORR. 10 MS
13. D.A.S. (SEE BELOW)
14. CORRECTION FOR RESIDUAL AMPLITUDE ATTENUATION
15. DYNAMIC CORR. DERIVED FROM: (SEE BELOW)
16. CONSTANT SCALING FACTOR = 1/16 %
17. DISPLAY

DECONVOLUTION D.B.S.

OPERATOR LENGTH 200 MS
PREDICTION LENGTH 12 MS
NO. OF AUTOCORR. WINDOWS 1
GATES ON SHOTRAW TRACE 400-2800 MS / 1600-3800 MS
GATES ON SHOTFAR TRACE 1800-3200 MS / 2200-4200 MS