V6

(S) T0	(KM/S) VS
0.100	1.480
0.200	1.680
0.300	1.820
0.400	1.930
0.500	2.020
0.600	2.110
0.700	2.220
0.800	2.290
0.900	2.370
1.000	2.450
1.200	2.600
1.400	2.700
1.600	2.800
1.800	2.930
2.000	3.050
2.500	3.320
3.000	3.550
3.500	3.770
4.000	3.960
5.000	4.350

V5

(S) T0	(KM/S) VS
0.100	1.480
0.200	1.680
0.300	1.820
0.400	1.930
0.500	2.020
0.600	2.110
0.700	2.220
0.800	2.290
0.900	2.370
1.000	2.450
1.200	2.600
1.400	2.700
1.600	2.800
1.800	2.930
2.000	3.050
2.500	3.320
3.000	3.550
3.500	3.770
4.000	3.960
5.000	4.350

V4

(S) T0	(KM/S) VS
0.040	1.450
0.200	1.510
0.300	1.630
0.400	1.740
0.500	1.840
0.600	1.900
0.700	1.990
0.800	2.060
0.900	2.130
1.000	2.200
1.200	2.350
1.400	2.500
1.600	2.650
1.800	2.790
2.000	2.930
2.500	3.230
3.000	3.480
3.500	3.730
4.000	3.950
5.000	4.300

V3

(S) T0	(KM/S) VS
0.100	1.450
0.200	1.506
0.300	1.630
0.400	1.724
0.500	1.812
0.600	1.880
0.700	1.966
0.800	2.036
0.900	2.106
1.000	2.142
1.200	2.283
1.400	2.476
1.600	2.622
1.800	2.762
2.000	2.902
2.500	3.218
3.000	3.472
3.500	3.726
4.000	3.946
5.000	4.288

V2

(S) T0	(KM/S) VS
0.100	1.450
0.200	1.500
0.300	1.630
0.400	1.700
0.500	1.770
0.600	1.850
0.700	1.930
0.800	2.000
0.900	2.070
1.000	2.140
1.200	2.300
1.400	2.440
1.600	2.580
1.800	2.720
2.000	2.860
2.500	3.200
3.000	3.460
3.500	3.720
4.000	3.940
5.000	4.270

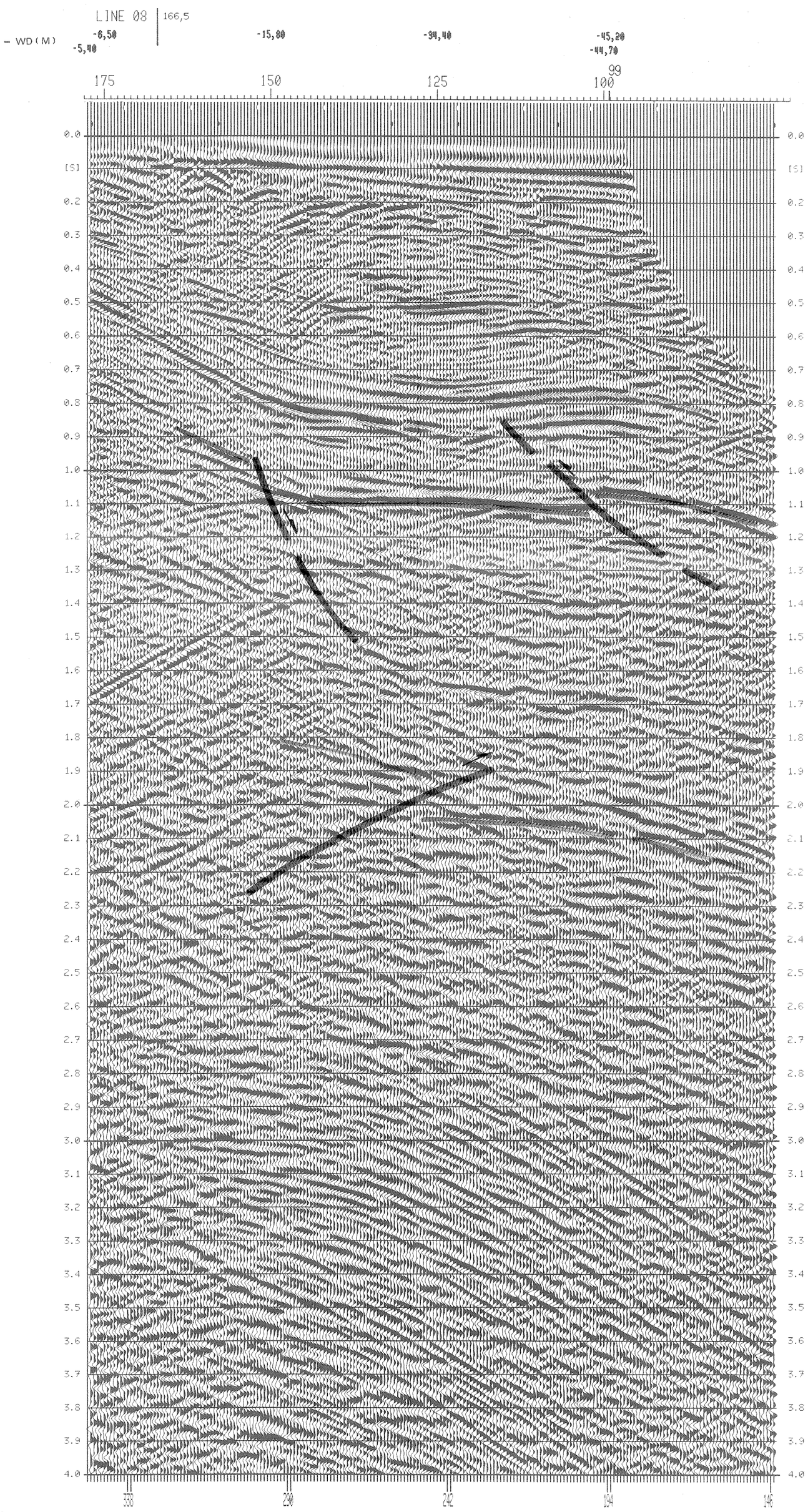
V1

(S) T0	(KM/S) VS
0.100	1.450
0.200	1.500
0.300	1.630
0.400	1.700
0.500	1.770
0.600	1.850
0.700	1.930
0.800	2.000
0.900	2.070
1.000	2.140
1.200	2.300
1.400	2.440
1.600	2.580
1.800	2.720
2.000	2.860
2.500	3.200
3.000	3.460
3.500	3.720
4.000	3.940
5.000	4.270

SW

NE

LINE 05



RECORDING PARAMETERS

CONTRACTOR: PRAKLA-SEISMOS
FIELD PARTY: SV MANTA
RECORDING PERIOD: MARCH, 1988

FIELD SYSTEM:
- INSTRUMENT TYP: DFS V (MDH 17)
- TAPE FORMAT: SEG-B, 9-TRACK, 1600 BPI
- GAIN CONSTANT: 24 DB
- SAMPLING RATE: 2 MS
- FILTER: LOWCUT: 8 HZ, 18 DB/OCT
  - HIGHCUT: 128 HZ, 70 DB/OCT

POLARITY: COMPRESSIONAL EVENTS = NEGATIVE NUMBERS

RECORD LENGTH: 5 S

CABLE: STREAMER TYPE HSSN 4 RTD
- LENGTH 1200 M, DEPTH 3 M - 5 M
- NUMBER OF GROUPS: 48, SPACING: 25 M

RECEIVER: TYPE HYDROPHONE MULTIDYNE MD 5
- GROUP LENGTH: 22 M
- RECEIVERS PER GROUP: 32

ENERGY: AIRGUNS
- GUN DEPTH: 3 M MAX.
- POP INTERVALL: 25 M
- VOLUME: 12.88 L

COVERAGE: 24-FOLD

EMITTER RECEIVER CONFIGURATION:

```
ANT     POP      TRACE                          TRACE
< 50 M > < 150 M >48                              1
*-------X----*----*-----------------------------*
          *   *   *
           *  *  *
            * * *
             ***
              X
         CDP LOCATION

 SW<-----------WORK DIRECTION------------------<NE
```

PROCESSING SEQUENCE

SEZIONE IDROCARBURI
E GEOTERMIA DI NAPOLI
10 SET. 1990
Prot. N. 5318

SUPERVISOR: DIPL.GEOL.N.ORDOWSKI / DIPL.MIN.F.MUHTADIE
INPUT CREW: DIPL.GEOL.R.WALTHER
PROC-CONTRACT-NO.: 851 633 55

1 INPUT: TAPE FORMAT SEG-B, 9-TRACK, 1600 BPI
SAMPLING RATE 2 MS, 48 TRACES, 5 S
OUTPUT: 4 S

2 DEMULTIPLEXING

3 RESAMPLING FROM 2 MS TO 4 MS (ANTIALIAS FILTER: 100 HZ)

4 GAIN REMOVAL

5 FREQUENCY FILTER:

TRAVEL TIME	LOWCUT	HIGHCUT
4.0 S	14 HZ DB/OCT	90 HZ 48 DB/OCT

6 FK-FILTER ON SOURCE GATHER
(PASS FROM -8 MS/TRACE TO +8 MS/TRACE)

7 SPHERICAL DIVERGENCE CORRECTION

8 DELAY CORRECTION: -10 MS

9 DECONVOLUTION: TYPE PREDICTION, 1 GATE DISTANCE DEPENDENT
- DISTANCE: 0 M — 1325 M
- 150 - 3500 MS — 900 - 3500 MS
- OPERATOR LENGTH: 80 MS
- PREDICTION INTERVAL: 16 MS

10 DYNAMIC CORRECTION
(DERIVED FROM VELOCITY ANALYSES AND SINGLE COVERAGE)

11 AMPLITUDE LEVEL TUNING

12 HORIZONTAL STACK: 24-FOLD

13 RESIDUAL AMPLITUDE DECAY CORRECTION

14 FREQUENCY FILTER: TIME VARYING

TRAVEL TIME	LOWCUT	HIGHCUT
0.0 S	20 HZ 48 DB/OCT	80 HZ 48 DB/OCT
4.0 S	14 HZ 48 DB/OCT	46 HZ 48 DB/OCT

15 AUTOMATIC GAIN CONTROL

16 DISPLAY: HORIZONTAL SCALE: 1 : 12 500
- TRACE SPACING : 1.0 MM
- VERTICAL SCALE : 1 S = 10 CM
- POLARITY: POSITIVE NUMBERS = BLACK

#4887 /09/86 DATE: 25.09.1986

MARCA DA BOLLO
LIRE 500

SELM S.P.A.-
SOCIETA
ENERGIA
MONTEDISON
S.P.A.

ALL.7

1:12 500

DR 69
LINE 05

24-FOLD STACK

851.633

PRAKLA-SEISMOS