STACKING VELOCITIES

LINE MIR-16

PGNR : 102 T0 [S]	V 1 [KM/S]	PGNR : 140 T0 [S]	V 2 [KM/S]	PGNR : 220 T0 [S]	V 3 [KM/S]
0.100	1.690	0.100	1.690	0.100	1.530
0.200	1.750	0.200	1.750	0.200	1.580
0.300	1.820	0.300	1.820	0.300	1.645
0.400	1.900	0.400	1.900	0.400	1.720
0.500	2.060	0.500	2.060	0.500	1.850
0.600	2.120	0.600	2.120	0.600	1.960
0.700	2.180	0.700	2.180	0.700	2.030
0.800	2.260	0.800	2.260	0.800	2.160
0.900	2.430	0.900	2.430	0.900	2.250
1.000	2.520	1.000	2.520	1.000	2.370
1.200	2.660	1.200	2.660	1.200	2.560
1.400	2.810	1.400	2.810	1.400	2.700
1.600	2.960	1.600	2.960	1.600	2.830
1.800	3.070	1.800	3.070	1.800	2.970
2.200	3.370	2.200	3.370	2.200	3.290

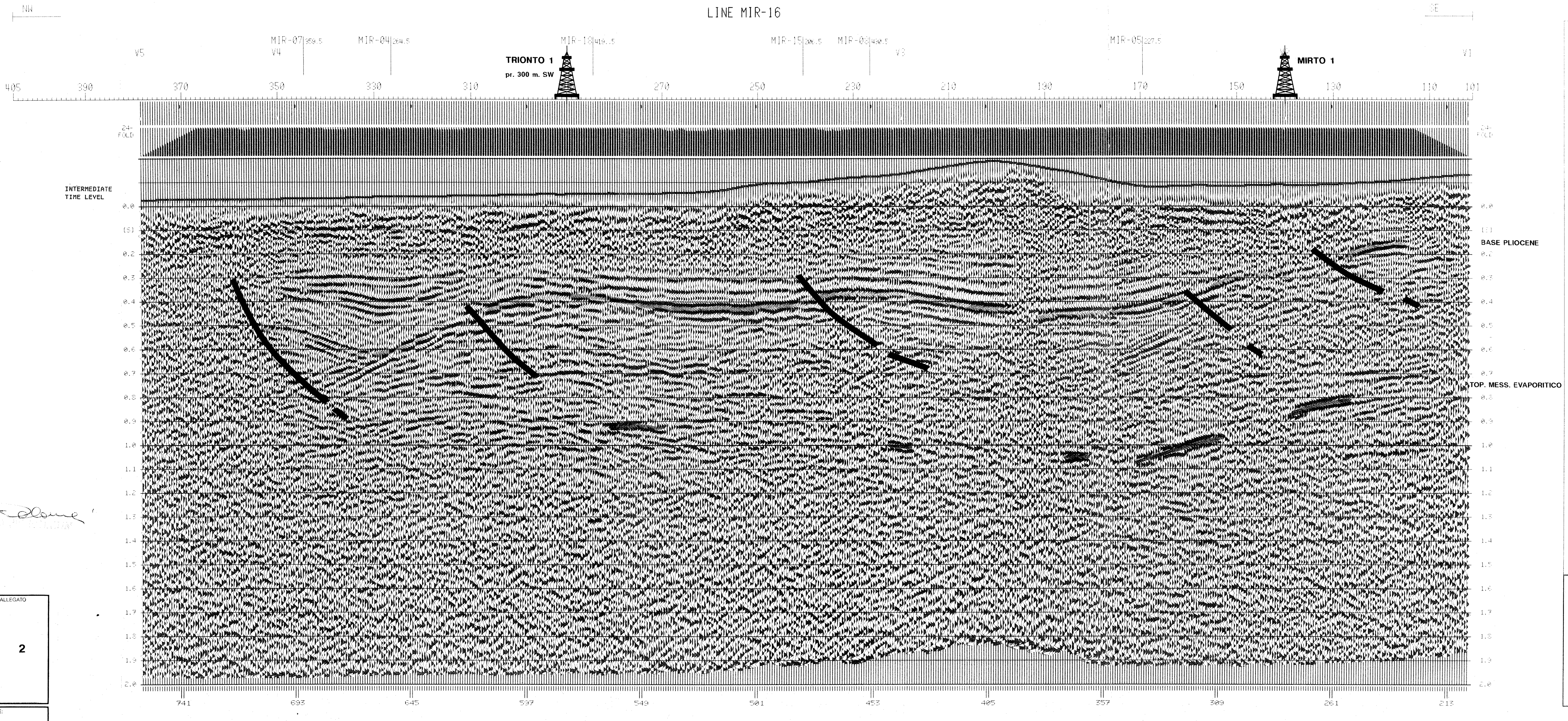
PGNR : 350 T0 [S]	V 4 [KM/S]	PGNR : 378 T0 [S]	V 5 [KM/S]
0.100	1.450	0.100	1.450
0.200	1.490	0.200	1.490
0.300	1.560	0.300	1.560
0.400	1.640	0.400	1.640
0.500	1.760	0.500	1.760
0.600	1.880	0.600	1.880
0.700	1.980	0.700	1.980
0.800	2.050	0.800	2.050
0.900	2.140	0.900	2.140
1.000	2.230	1.000	2.230
1.200	2.330	1.200	2.330
1.400	2.480	1.400	2.480
1.600	2.610	1.600	2.610
1.800	2.740	1.800	2.740
2.200	3.060	2.200	3.060

MARCA DA BOLLO LIRE 500

MARCA DA BOLLO LIRE 300

SELM PETROLEUM	**ISTANZA DI PROROGA** **PERMESSO "MIRTO"** **RELAZIONE TECNICA** MARCHIO REGISTRATO DELLA MONTEDISON S.p.A	ALLEGATO **2**
AUTORE: **PENSIERI**		

DISEGNATORE:	DATA:	SCALA:	DISEGNO N°:	REVISIONE:
MONCELLINI	1-91	1:12.500	1551	



RECORDING PARAMETERS

CONTRACTOR: PRAKLA-SEISMOS AG

FIELD PARTY: P.I.S. XXXII A.SORG

RECORDING PERIOD: 26.06.-01.07.1987

FIELD SYSTEM:
INSTRUMENT TYP: DFS IV - MDF 14
TAPE FORMAT: SEG-B, 9-TRACK, 1600 BPI
RECORD LENGTH: 2 S
SAMPLING RATE: 2 MS
RECORDING FILTER: LOWCUT 12 HZ, 18 DB/OCT
HIGHCUT 124 HZ, 72 DB/OCT
NOTCH 50 HZ
GAIN CONTROL: IFP

SUBSURFACE COVERAGE: 24-FOLD

RECEIVER TYPE: GEOPHONES SM 7 (20 HZ)
NUMBER OF GROUPS: 48, SPACING: 25 M
NUMBER OF RECEIVERS PER GROUP: 24

RECEIVER CONFIGURATION:

```
                                                   1.65 M
3.3 M
*---*---*---*---*---*        *---*---*---*---*---*  :
                      \    /                        :
                        \/
                       /  \
  *---*---*---*---*---*      *---*---*---*---*---*---*

I---------------- 37.95 M ---------------------I
```

ENERGY SOURCE: HYDRAULIC HAMMER MD 200
NUMBER OF POPS: 32 (8 POPS PER POSITION)
VERTICAL STACK: 32

EMITTER ARRAY:

```
PG                 HP                 PG
*-----------------X-------------------*

*        *                *   8.33 M  *

------------------ 25 M ------------------
```

EMITTER RECEIVER CONFIGURATION:

```
152          129     HP     124           101
*------------*       X      *-------------*
   575 M       62.5 M  62.5 M     575 M

<------------------ 1275 M ------------------>
```

NW---------- WORK - DIRECTION ------------- SE

PROCESSING SEQUENCE

SUPERVISOR: DIPL.GEOL.N.GRIDUSKI
INPUT CREW: DIPL.GEOL.F.WALTHER
DC-CONTRACT-NO.: 875 301 50

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

2 DEMULTIPLEXING

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

4 GAIN REMOVAL

5 CDP-SORTING

6 STATIC CORRECTIONS (NO. 1) TO INTERMEDIATE DATUM
CORRECTION VELOCITY: 1750 M/S

7 SPHERICAL DIVERGENCE CORRECTION

8 GEOPHONE/SOURCE COUPLING CORRECTION

9 DECONVOLUTION: TYPE PREDICTIVE, DISTANCE DEPENDENT

DESIGN GATE DIST.	START	END	100% TIME
+0 M	250 MS	1500 MS	750 MS
+400 M	500 MS	1500 MS	900 MS

OPERATOR LENGTH: 80 MS
PREDICTION INTERVAL: 16 MS

10 DYNAMIC CORRECTION (DERIVED FROM PREVIOUS INTERSECTING LINES AND VELOCITY ANALYSES)

11 AUTOMATIC STATIC RESIDUALS: SURFACE CONSISTENT (APSTAT)

12 AMPLITUDE LEVEL TUNING

13 24-FOLD STACK

14 STATIC CORRECTIONS (NO. 1) TO DATUM LEVEL: SEALEVEL
CORRECTION VELOCITY: 1750 M/S

15 FREQUENCY FILTER: TIME VARYING

TRAVEL TIME	LOWCUT	HIGHCUT
-0.2 S	25 HZ 24 DB/OCT	60 HZ 24 DB/OCT
2.0 S	15 HZ 24 DB/OCT	40 HZ 24 DB/OCT

16 AUTOMATIC GAIN CONTROL

17 DISPLAY: HORIZONTAL SCALE: 1 : 12 500
TRACE SPACING : 1.0 MM
VERTICAL SCALE : 1 S = 10 CM
POLARITY: NEGATIVE NUMBERS ON TAPE = BLACK ON SECTION

NG27156 10/87 DATE: 22/10/1987

SELM S.P.A.- SOCIETA ENERGIA MONTEDISON S.P.A.		1: 12 500	
	MIRTO 1987 LINE MIR-16 24-FOLD STACK (TV-FILTER)		875 301 PRAKLA-SEISMOS