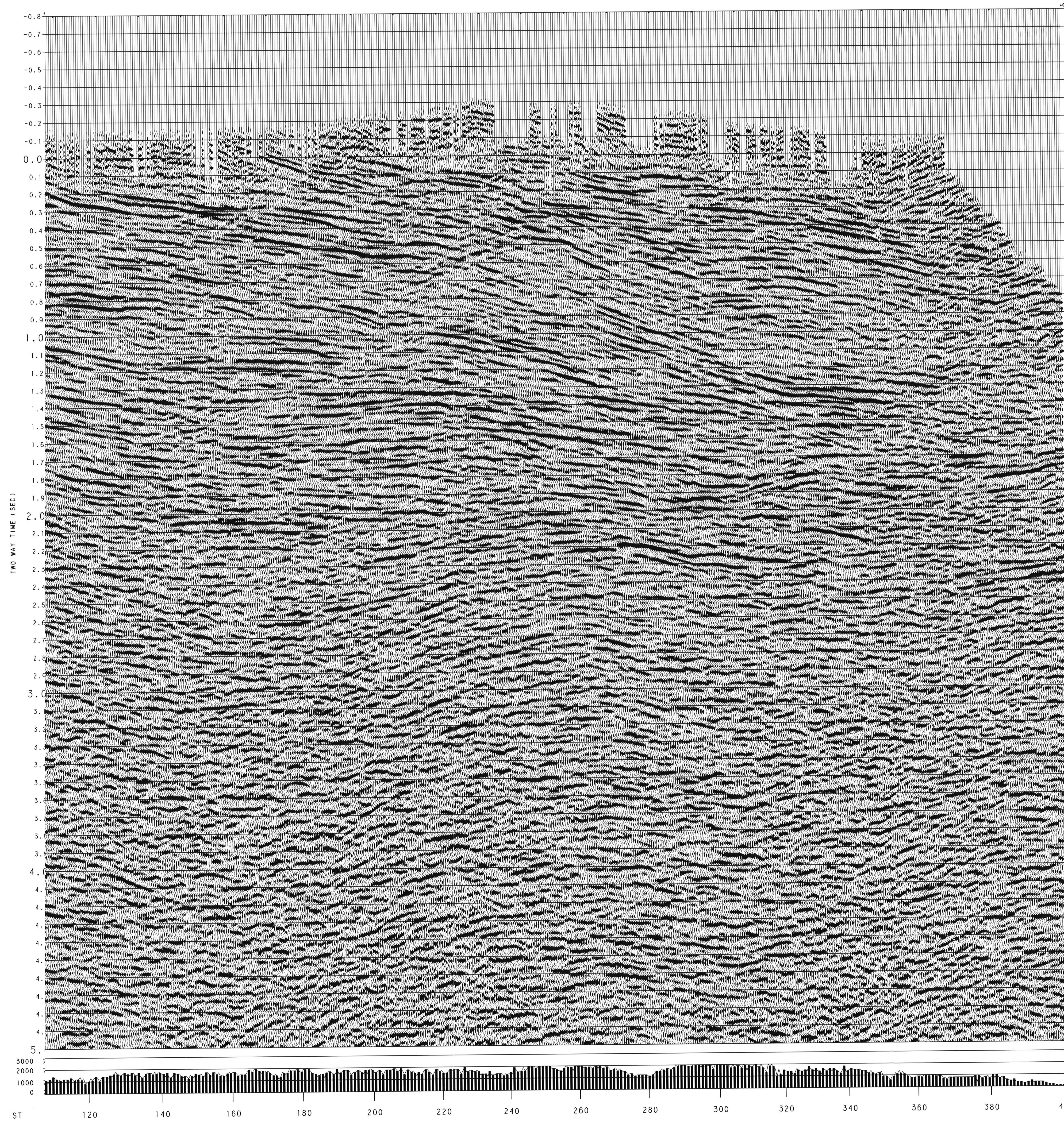
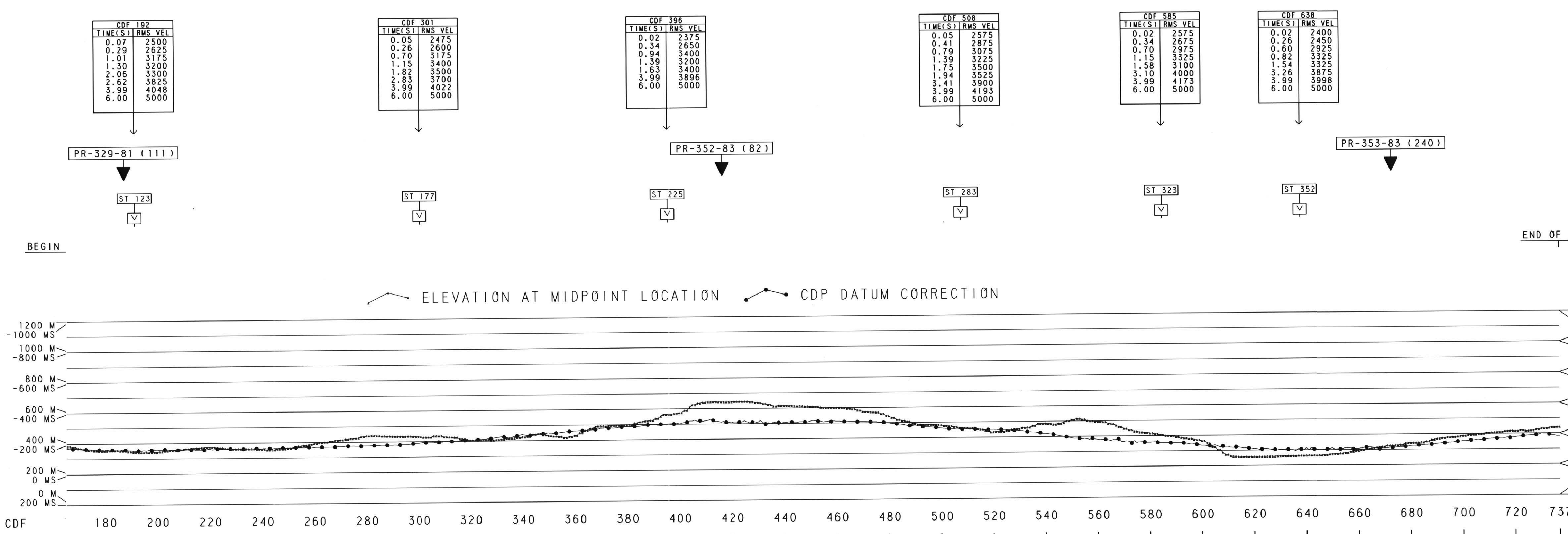


LINE: PRF-02-90
CDP 73 - 737
STACK 1800Z

LINE: PRF-02-90
CDP 73 - 737
STACK 1800Z

EAST





Agip

GEOP

AREA : ITALIA
PERMIT : SERRAVALLE
LINE : PRF-02-90

DATE: JANUARY, 1994

RECORDING DATA

RECORDING PARAMETERS

CONTRACTOR: SIAG
DATE: APRIL 1990
SYSTEM: 36
RECORD LENGTH: 2000 MS
FILTER: 18 HZ 18 DB/OCT
NOTCH: 18 HZ 18 DB/OCT
SAMPLING INTERVAL: 2 MS
COVERAGE: 18 FOLD

SOURCE

ENERGY SOURCE: DYNAMITE
W. OF HOLES: 1
AVERAGE DEPTH: 27 M
AVERAGE CHARGE: 5 KG
S.P. INTERVAL: 100 M

SPREAD

TYPE: 1812.5-57.5-0-57.5-1812.5
SPREAD CONF: 1812.5-57.5-0-57.5-1812.5
NO. OF GROUPS: 144
GEOPHONES PER GROUP: 24 IN PARALLEL
GEOPHONE TYPE: 40 IN PARALLEL
GROUP INTERVAL: 25 M

SPREAD DIAGRAM

72 SP 73 144

1775 M --- 37.5m --- 1775 M

GEOPHONE PATTERN

55 M

SCALES

HORIZONTAL: 1:1000
VERTICAL: 1 SEC = 10 CM

LEGEND

INTERSECTIONS
VELOCITY ANALYSIS

COMMENTS

POLARITY CONVENTION: NEGATIVE
PROCESSING: COMPRESSION PULSE NEGATIVE NUMBER
DISPLAY: COMPRESSION PULSE THROUGH

DATUM PLANE: 200 M

PROCESSED BY: P. MARCHETTI-W. PASTORI
CONTROLLED BY: A. CASIS

PROCESSING SEQUENCE

CODE-X CONVERSION

-SEG 10 CODE-X CONVERSION

RESAMPLING

-TIME SAMPLING TO 4 MS

GEOMETRY AND FIELD STATISTICS UPDATE

-CHECK CORRECTION
-CORRECT PROFILE ADJUSTMENT
-CDP DATUM CORRECTION COMPUTATION

BAD TRACES EDITING

AMPLITUDE DECAY RECOVERY

-STATISTICALLY COMPUTED FUNCTION
APPLIED TO RECOVER THE OVERALL
ENERGY LOSSES

PHASE SHAPING

-INSTRUMENT AND GEOPHONE RESPONSES
CONVERTED TO 0.0000000000000000

PREFILTER

0.0 S 1/24 - 50/72 HZ-08/OCT
1.0 S 1/24 - 50/72 HZ-08/OCT
4.0 S 1/24 - 50/72 HZ-08/OCT

ARRAY SIMULATION

WIND 0.0-0.0 0.150/0.700/0.150
5 TR

DECONVOLUTION

-TYPE: PREDICTIVE WITH PHASE BY FILTER
WIND 0.2-2.2 5 16-160 MS WN 12
WIND 1.0-2.0 5 16-160 MS WN 12
-TRACES BALANCE TO RMS 2000

COMMON OFFSET MULTICHANNEL FILTER

-W/4 DECONVOLUTION TERNARY
-22 HRT CORRECTED COMMON OFFSET PLANES
-SEG FEEDBACK

SURFACE CONSISTENT RESIDUAL STATISTICS

-MAX. CORRELATION SHIFT: 1.50 MS
-CORRELATION WINDOW: 500-5000 MS
-HEADER UPDATE

COMMON OFFSET MULTICHANNEL FILTER

-W/4 DECONVOLUTION TERNARY
-22 HRT CORRECTED COMMON OFFSET PLANES
-SEG FEEDBACK

VELOCITY ANALYSIS

-PERFORMED ON DMO CORRECTED CDP GATHER
WITH VARIATION PARAMETERS BY
INTERACTIVE WORK-STATION: 100 M/S
VEL. INCREMENT: 2000-5000 M/S
VSR. DATE: 24 MS
CDP'S USED: 5
MUTE APPLIED BEFORE ANALYSIS

DMO / STACK BODY

-CDP OFFSET DATA AND CORRECTED
-MUTE APPLIED TO REMOTE STRETCHED DATA
-FINAL LASER DOT
-MAXIMUM OPERATOR APERTURE: 51 TR
-MAXIMUM CDP: 80 MS

ZERO PHASE CONVERSION

-OPERATOR STATISTICALLY COMPUTED ON
DMO WINDOW: 500-5000 MS
WINDOW

SPECTRAL WHITENING

-TYPE: FREQUENCY DOMAIN
WIND 0.0-0.0 10-40 HZ WN 12

MULTICHANNEL FILTER

-W/4 DECONVOLUTION TERNARY
WIND 0.0-0.0 100 MS X 50 TR
OPERATOR WIDTH: 50 TR
FEEDBACK: 50 TR

MULTICHANNEL FILTER

-RADIAL PREDICTIVE FILTER (RPF)
OP TRACES: 1/24 - 50/72 HZ-08/OCT
3.0 SEC DIF 20/5 MS/18 FEEDBACK 650
3.0 SEC DIF 20/5 MS/18 FEEDBACK 650
3.0 SEC DIF 20/5 MS/18 FEEDBACK 650

TIME VARIANT FILTER

0.0 S 1/24 - 50/72 HZ-08/OCT
1.0 S 1/24 - 50/72 HZ-08/OCT
4.0 S 1/24 - 50/72 HZ-08/OCT

DATUM CORRECTION RECOMPUTATION

-SUBWAVELENGTH VELOCITY: 2000 M/S
-DATUM PLANE

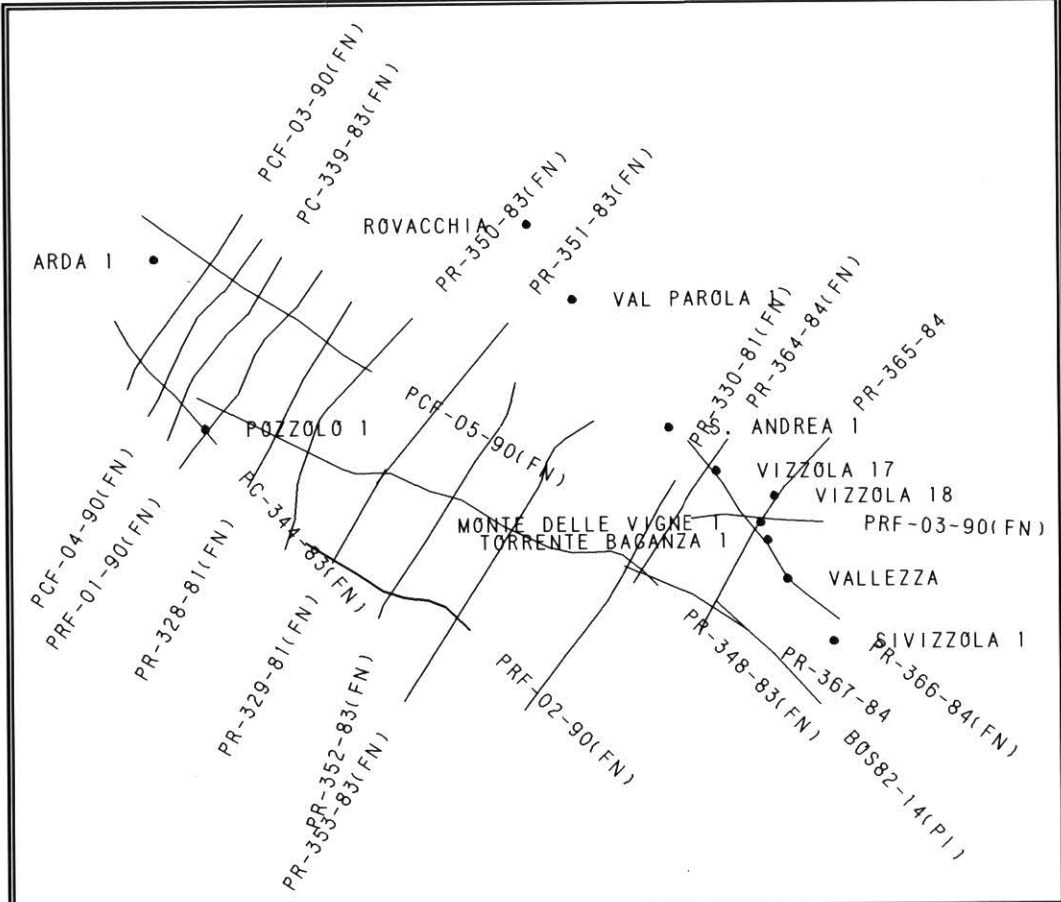
PLAYBACK

-OUTPUT RMS: 2000
-DATA WINDOWS (MIXED): 256-1024 MS 720
2000 - 100-100 MS 720
-CONSTANT OF ELEVATION: 10 DB
-PRESENTATION OF BASE LINE: 00
-PLOTTER: LASER-DOT

STORED REELS

-STACK RAW WIN: PRF02-0001, 815754
-FINAL STACK (SEGY): 612722 (LBIN01)
-FINAL MIGRATION (SEGY): 612722 (LBIN01)
612722

LOCATION MAP



ELLA 107 CAPS. SERRA. PRF02-STR041W