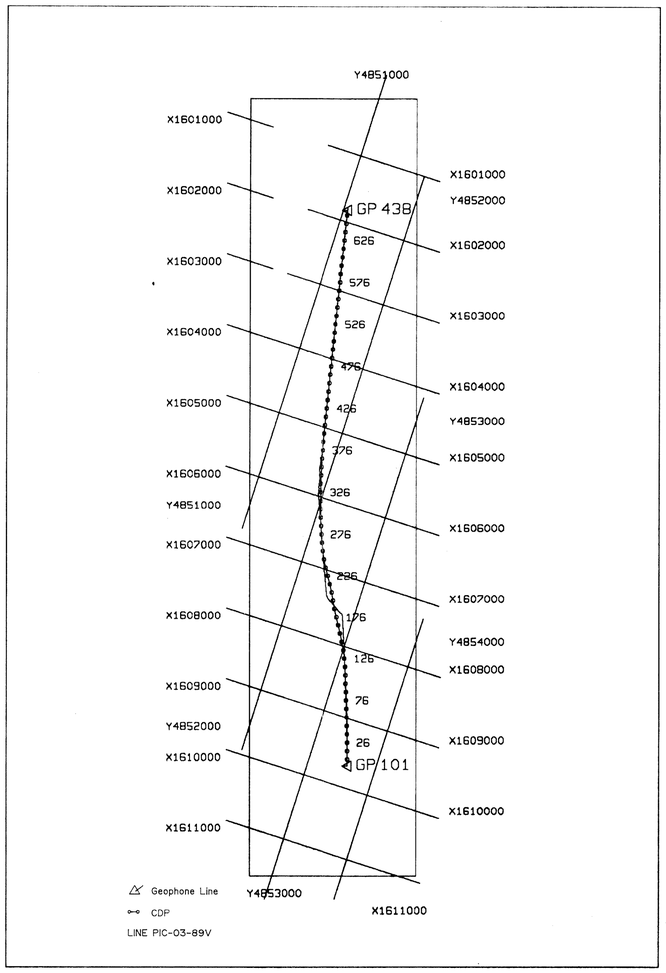
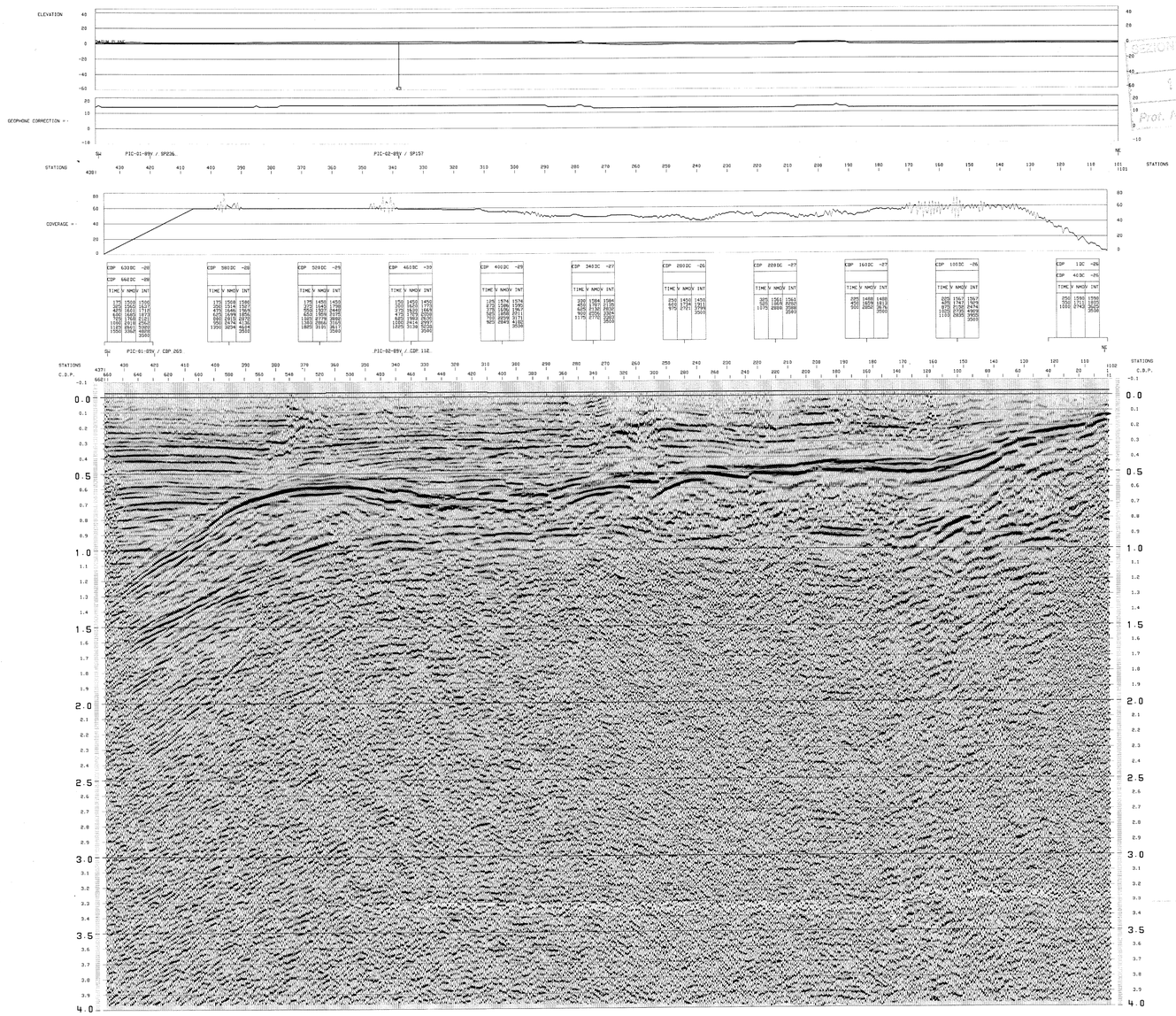




SEZIONE IDROCARBURI di ROMA
Prot. N. 173

CGG - DATA PROCESSING SERVICES
1 RUE LEON MIGNON 91341 MASSY CEDEX FRANCE

CANADA NORTHWEST

VIAREGGIO

PIC-03-89V

SW 437 — 101 NE
VIBRATED POINT

STACK TVF
RANDOM NOISE ATTENUATION
60 FOLD COVERAGE
SLALOM LINE *
* CGG TRADE MARK

127 35 74CC * — PL : SAR
* CGG PROJECT NUMBER — DATE : SEPT 1989

FIELD RECORDING

CONTRACTOR	CGG	SAMPLING RATE	2 MS
DATE	MAY 24-MAY 09 1989	RECORDING LENGTH	6000 MS
RECORDER	SN 368	FILTERS :	
TAPE 6250 BPI	NO.141-145	LC 8 HZ (18DB/OCT)	
FORMAT	SEG-D	HC 178 HZ (18DB/OCT)	
COVERAGE	60		

SHOT-GEOPHONE ARRAY-SPREAD

** SOURCE ** VIBRATORS

TYPE	MERTZ 10	SWEEP : FREQUENCY	10 - 70 HZ
NUMBER	2	LENGTH	12 S
SPACING	25 M	NUMBER OF LOCATION / VP	4
POLARITY	ALTERNED	NUMBER OF SWEEP / LOCATION	1
ELECTRONIC CONTROL	SMV 310 A	LOCATION SPACING	6.25

I-I 6.25 M

** RECEPTION **

GEOPHONE TYPE	GSC 20 D	NUMBER OF TRACES	120
FREQUENCY	10 HZ	TRACE SPACING	25 M
GEOPHONE PER GROUP	18	GEOPHONE SPACING	1.5M

I-I 1.5 M

** SPREAD **

SURFACE CORRECTIONS

METHOD	SPHOLE VT	DATUM PLANE (DP) :	0 M
RETURN TO DP VELOCITY :	2000 M/S	CORRECTION SIGN :	+ SHORTENS TIMES

PROCESSING : CGG

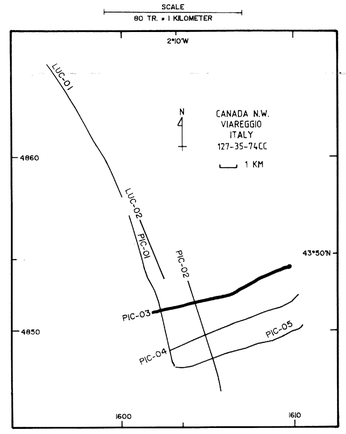
SIGNAL LENGTH PROCESSED : 4 S — SAMPLING INTERVAL : 4 MS

DENOLTIPLEXING AND RESAMPLING
TRACE EDITING
AMPLITUDE RECOVERY
REFLECTION POINT GATHERING
ZERO PHASE DECONVOLUTION
.FILTERING :
. 13-64 HZ T 0 - 800 MS
. 15-55 HZ T 2400 - 2600 MS
. 15-40 HZ T 4000 MS
TRACE EQUALIZATION : 600 MS
STATIC CORRECTIONS (FROM GROUND LEVEL TO DPC *)
AUTOMATIC STATICS :
MEDIUM WAVE LENGTH SURFACE CONSISTENT STATICS

SATAN IV RF 3
VELOCITY ANALYSIS (ANVIZ VELOCIS)
NMO CORRECTIONS LINEAR INTERPOLATION
.BETWEEN VELOCITY FUNCTIONS
STATIC CORRECTIONS (FROM DPC* TO DP)
AUTOMATIC STATICS :
SURFACE CONSISTENT STATICS(SATAN I
STACK 6000 D/D FOLD
RANDOM NOISE ATTENUATION
RAND PASS FILTER : 10 - 60 HZ
TRACE EQUALIZATION :
. L = 300 MS T = 0 - 1800 MS
. L = 600 MS T =1800 - 4000 MS
ANALOG DISPLAY

* DPC : THE AVERAGE GROUND LEVEL ELEVATION IS REPRESENTED BY A BLACK PEAK AT THE TOP OF THE SECTION.

POLARITY CONVENTION

COMPRESSION=NEGATIVE VALUE ON TAPE
AFTER PROCESSING=WHITE TROUGH ON SECTION

SCALE
80 TR. = 1 KILOMETER