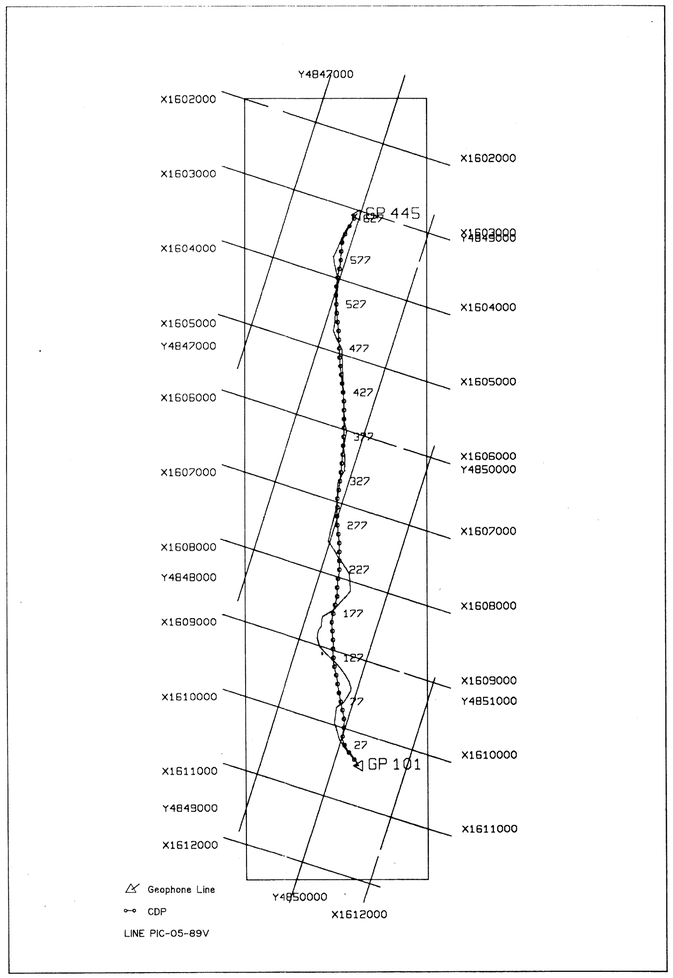
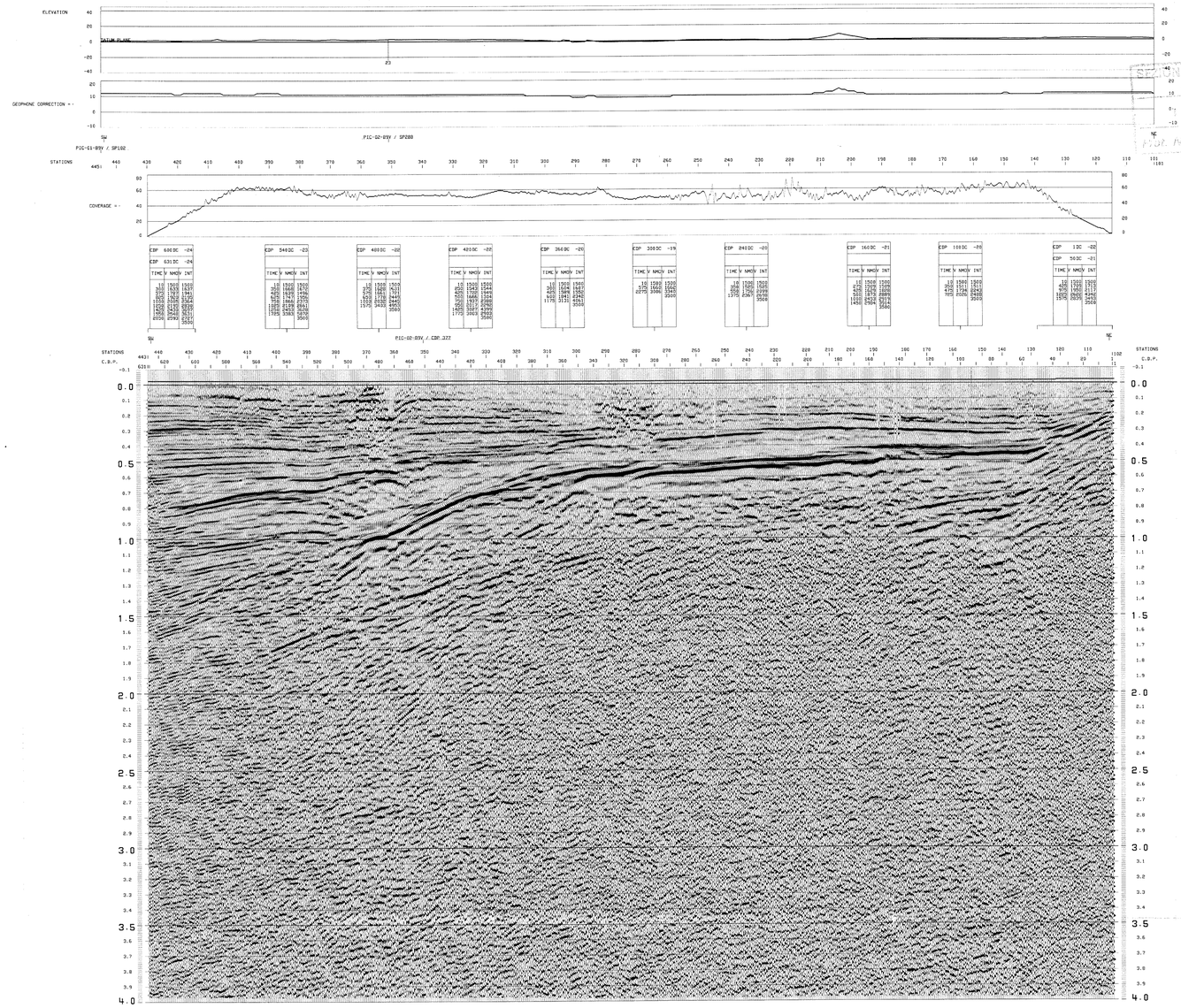




SEZIONE IDROCARBURI
ROMA

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

CANADA NORTHWEST

VIAREGGIO

PIC-05-89V

SW 444 — 101 NE

VIBRATED POINT

STACK TVF

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

127 35 74CC * — PL : 7AR
* CGG PROJECT NUMBER — DATE : SEPT 1989

FIELD RECORDING

CONTRACTOR	CGG	SAMPLING RATE	2 MS
DATE	MAY 10-MAY 12 1989	RECORDING LENGTH	6000 MS
RECORDER	SM 348	FILTERS :	
TAPE 6250 BPI	NO.151+155	LC 8 HZ (18DB/OCT)	
FORMAT	SEG-D	HC 176 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	20 M	NUMBER OF LOCATION / VP	4
POLARITY	ALTERNED	NUMBER OF SWEEP / LOCATION	1
ELECTRONIC CONTROL	SRV 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	10	GEOPHONE SPACING	1.5M

I-I 1.5 M

1500 M

** SPREAD **

SURFACE CORRECTIONS

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

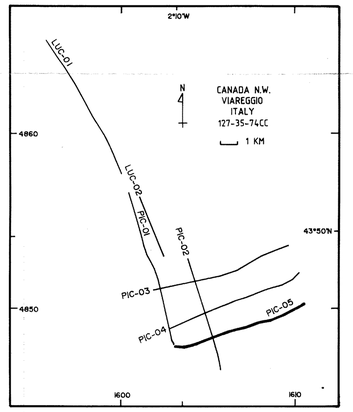
PROCESSING : CGG

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

DEMULTIPLEXING AND RESAMPLING — SATAN IV RF 3
TRACE EDITING — VELOCITY ANALYSIS (ANVIT VELOCM)
AMPLITUDE RECOVERY — NMO CORRECTIONS LINEAR INTERPOLATION
REFLECTION POINT GATHERING — BETWEEN VELOCITY FUNCTIONS
ZERO PHASE DECONVOLUTION — STATIC CORRECTIONS (FROM DPC* TO DP)
FILTERING : — AUTOMATIC STATICS :
. 13-64 HZ T 0 - 800 MS — SURFACE CONSISTENT STATICS-SATAN I
. 15-55 HZ T 2400 - 2600 MS — STACK 6000 0/0 FOLD
. 15-40 HZ T 4000 MS — RANDOM NOISE ATTENUATION
TRACE EQUALIZATION : 600 MS — BAND PASS FILTER : 10 - 60 HZ
STATIC CORRECTIONS (FROM GROUND — TRACE EQUALIZATION :
LEVEL TO DPC * : — . L = 300 MS T = 0 - 1800 MS
AUTOMATIC STATICS : — . L = 600 MS T =1800 - 4000 MS
REGION WAVE LENGTH SURFACE — ANALOG DISPLAY
CONSISTENT STATICS

* 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 OF SECTION

SCALE
80 TR. = 1 KILOMETER