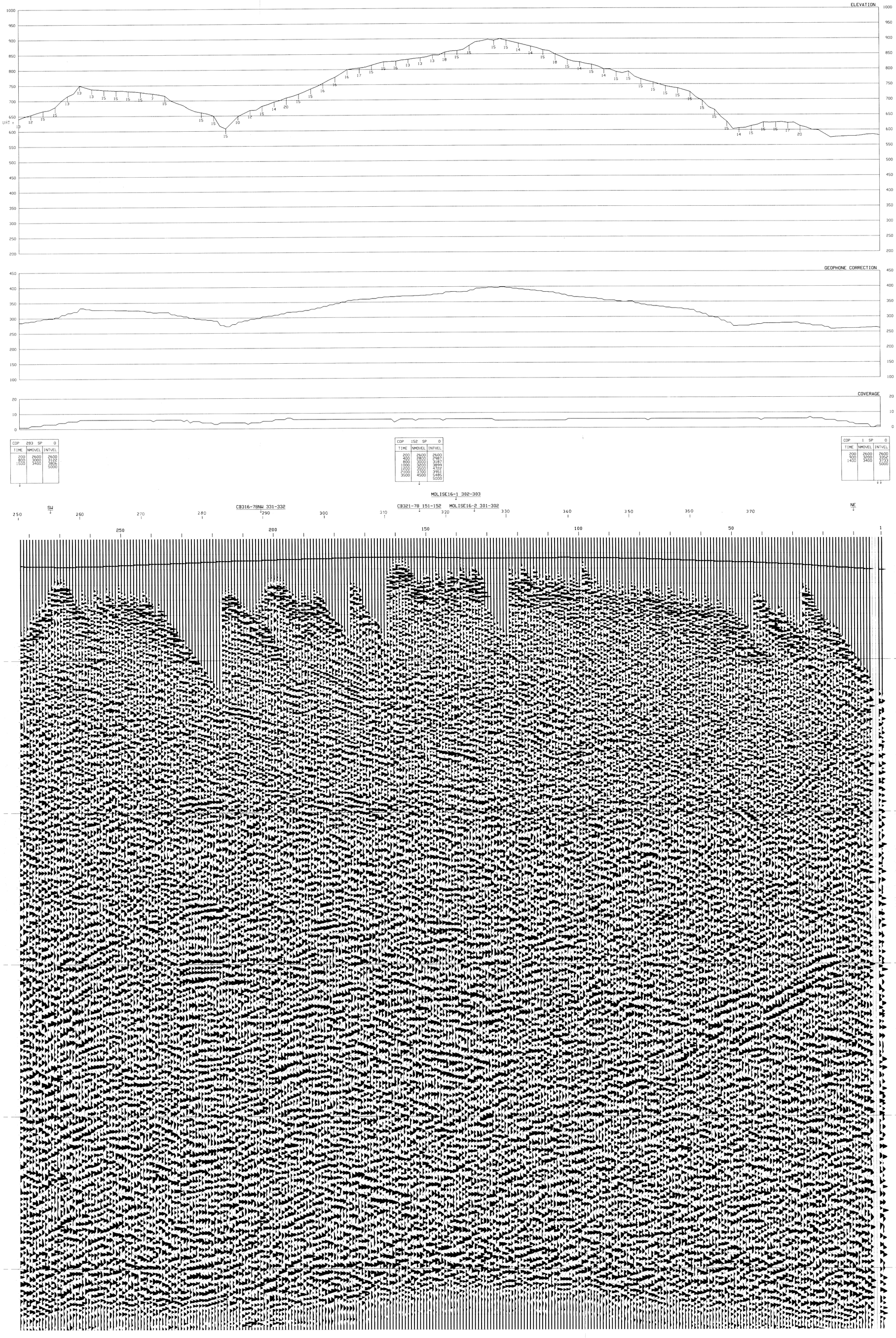

CGG DATA PROCESSING SERVICES
6 RUE GALVANI 91301 MASSY FRANCE

SEZIONE
28 DIC. 1984
Pr. 5500

MONTEDISON
COMPANY

TRIVENTO
AREA

MOLISE 18
LINE

SW 248 — 378 NE
SHOT POINTS

STACK SATAN
600 O/O

PL 10 — 127M503 *
* CGG PROCESSING CODE 1983

MAY 31 1983

FIELD RECORDING

FOLD COVERAGE	6
CONTRACTOR	WESTERN
SHOOTING DATE	JUNE 1971
RECORDER	SDS 1010
TAPE	21105
LC FILTER	12 HZ
HC FILTER	100 HZ
SAMPLING RATE	4 MS
RECORD LENGTH	5 S
SOURCE	DYNAMITE
NB OF HOLES	1
DEPTH	24 M
CHARGE	48 KG
SHOT	END ON
OFFSET	200 M
DISTANCE BETWEEN SP	100M
GEOPHONE SPREAD	
TYPE	
FREQUENCY	14 HZ
NB OF TRACES	24
DISTANCE BETWEEN TRACES	50 M
GEOPHONES/TRACE	36

PATTERN TRACE

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* * * * * *
* * * * * *
* * *0* * *   10 M BETWEEN GEOPHONES
* * * * * *
* * * * * *
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SP — TP1 — TP24
200M — 1350M

SURFACE CORRECTIONS
DP OM

METHOD	GC+UHT
VELOCITY	2300 M/S

* ADVERTISING *

ON GEOPHONE CORRECTION GRAPH
- SIGN INCREASES TIMES
+ SIGN DECREASES TIMES

DIGITAL PROCESSING
LENGTH 5S — SAMPLING RATE 4MS

- DEMULTIPLEXING
- AMPLITUDES RECOVERY
- EDITING
- MINIMAL PHASE DECONVOLUTION 120MS
  GATES 500-1500MS
  1800-3000MS
  3500-5000MS
- BAND PASS FILTER 13-60HZ 0-1500MS
  9-45HZ 2500-5000MS
- STATIC CORRECTIONS FROM GROUND LEVEL TO DPC *
- CONTINUOUS VELOCITY ANALYSIS USCAN
- NMO CORRECTIONS ** LINEAR INTERPOLATION BETWEEN VEL FUNCTIONS
- STATIC CORRECTIONS FROM DPC TO DP
- AUTOMATIC STATIC ADJUSTMENT SATAN
- STACK 600 O/O
- TIME VARIANT FILTERS 11-50HZ 0-1800MS
  11-35HZ 2000-5000MS
- TRACE EQUALIZATION
- ANALOG DISPLAY

* DPC:DATUM PLANE OF COMPUTATION(AVERAGE GROUND LEVEL)
(BLACK PIP ABOVE THE SECTION)
** ORIGIN OF TIMES IS AT DPC

DISPLAY PARAMETERS
HORIZONTAL SCALE 80MM/KM
VERTICAL SCALE 10CM/S
HOMOGENEITY VELOCITY 2500M/S

SCALE
40 TP. = 1KILOMETER