

42293

LINE: AN87-20

STN 77 TO STN 499
VP 77 TO VP 479



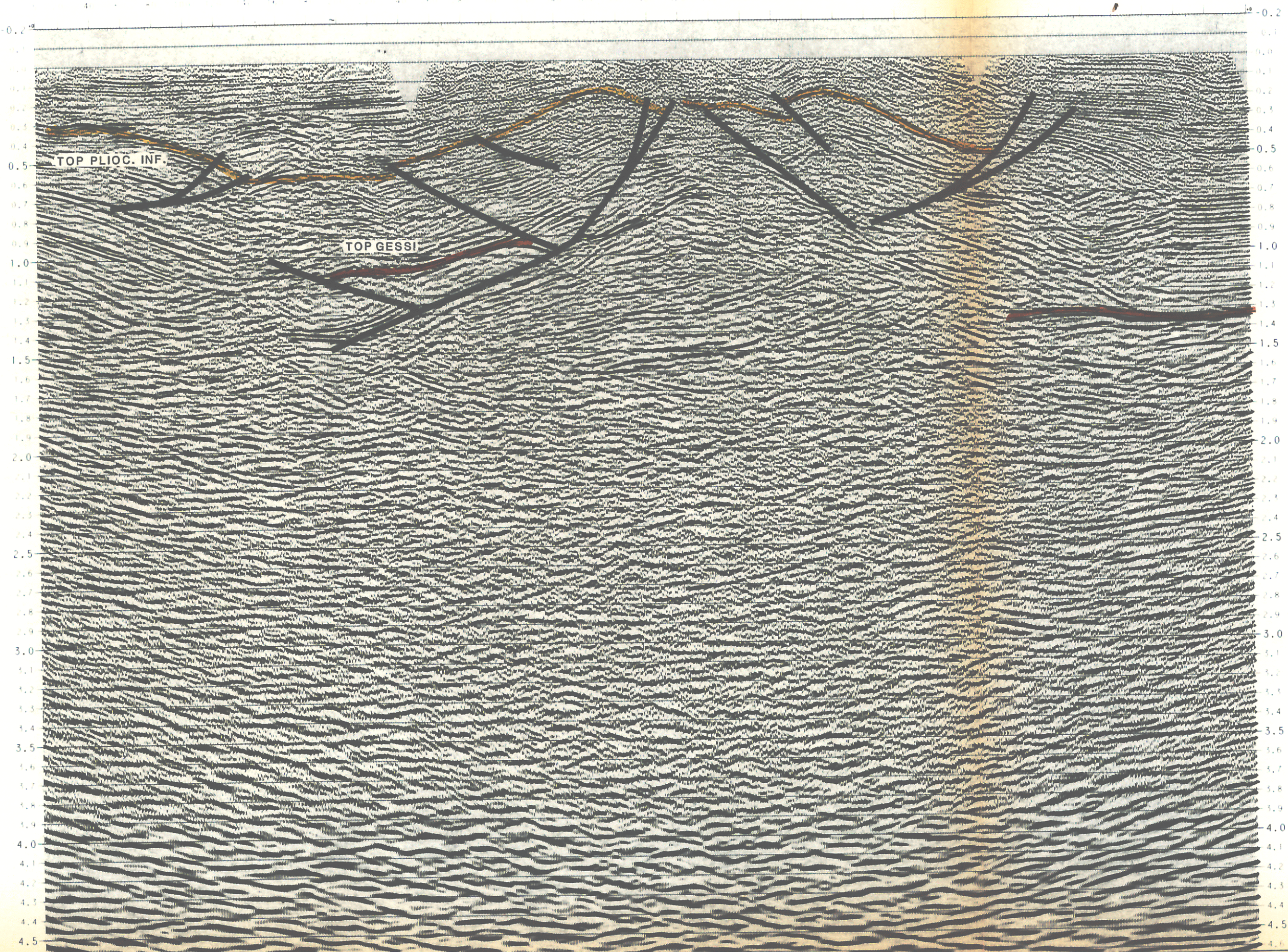
EGRM, DBS, 2400% STACK,
MIG, RPF, TVF, GAIN

AN-87-09 CDP 350.3 AN-87-03 CDP 1197.7 AN-87-05 CDP 777.0 AN-87-07 CDP 315.6

Allegato 5	Data MARZO 1989	Dis.n. 819/4
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A=STN 168 ON LINE AN-87-20 IS COMMON TO
STN 329 ON LINE AN-87-20A
B=STN 414 ON LINE AN-87-20 IS COMMON TO
STN 100 ON LINE AN-87-20A





C.R.M.
COMPAGNIA RICERCHE MINERARIE

APPA
**CAMERATA PICENA
EASTERN ITALY**



WESTERN GEOPHYSICAL
INTERNATIONAL

CONTRACT NO. 1987-001
DATE SHOT: 20 FEBRUARY 1987
CITY: CAMERATA PICENA
PROCESSED IN: DC
DATE: JANUARY, 1989
DATA: 1204 M
MAGNIFICATION: 1.6714

RECORDING DATA

RECORDING PARAMETER

RECORDING INSTRUMENT: N 168
RECORD LENGTH: 4 SECONDS
RECORDING FILTER: 8 Hz
SAMPLING RATE: 1000 Hz
RECORDING TAPE FORMAT: SEC D 60% RFL
POLARITY: REVERSE

SOURCE

SOURCE: VIBROSEIS
NO. OF VIBRATORS: 4 IN LINE
ARRAY LENGTH: 60 METERS
NO. OF SWEEPS: 20
SWEEP FREQUENCY: 10-80 Hz
V.P. INTERVAL: 40 M

RECEIVED

NUMBER OF GROUPS: 96
GEOPHONES PER GROUP: 54
GEOPHONE TYPE: 14 Hz
GROUP INTERVAL: 20 M

SPREAD DIAGRAM



PROCESSING SEQUENCE

EDIT/DEMULTIPLY

ALL POINTS DISPLAY
EDIT OUT BAD TRACES

PREPROCESS

A. GEOMETRIC SPREADING FUNCTION
B. TRACE SQUARING

MULTI CHANNEL FILTER

LINEAR COHERENT NOISE ATTENUATION
12 TO 54 MS G.F. TRACE
FREQUENCY ROLLOFF: 25 OR 20

DECONVOLUTION

A. MIN PHASE INVERSE FILTER
NO. OF WINDOWS: 20
MIN PREDICTIVE LAG GAP: 2 MS
ACTIVE OPERATOR LENGTH: 12 MS
B. COMMON DEPTH POINT GATHER
C. TRACE BALANCE

EGRM STATICS UPDATE

CROOKED PROFILE ADJUSTMENT

VELOCITY ANALYSIS

AND MATRIX VELANS

AUTO RESIDUAL STATICS MISERABLE

WINDOW: 50 2000 MS
MAX SHIFT LIMIT: 20 MS

VELOCITY ANALYSIS

CONSTANT VELOCITY ANALYSIS
AND MATRIX VELANS

AUTO RESIDUAL STATICS MISERABLE

WINDOW: 50 600 MS
MAX SHIFT LIMIT: 12 MS

VELOCITY ANALYSIS

CONSTANT VELOCITY ANALYSIS
AND MATRIX VELANS

STAT CS NMO MUTE

200% STRETCH

2400% STACK

FINAL VELOCITIES

PRE-MIGRATION TRACE EQUALIZATION

RMS-GAIN 200 400 MS WINDOWS

OMEGA X VIBRATION

VELOCITIES USED ARE FROM
WELL INFORMATION

RADIAL PREDICTIVE FILTER

AREA MAP

