LINE **MC-313-77** S.P. 127 S.P. 337

1200% DBS-TVF REFERENCE 240677/10

Allegato	Data	Disegno n°
1	Luglio 1981	393/2

Agip AREA ITALIA - ZONA 5 WESTERN GEOPHYSICAL COMPANY OF AMERICA
PROSPECT LORETO

RECORDING DATA

CONTRACTOR	WESTERN
RECORDING	F.M.
MAGNETIC RECORDER	DDS 888
FORMAT	LEP
SAMPLE RATE	2 ms.
RECORD LENGTH	7000 ms.
FILTER - LOW	125 Hz
- HIGH	12 Hz
ANTI-ALIASING FILTER	125 Hz
DBS TRACE COVERAGE	1200%
DATE	1977 MAY

PLAYBACK DATA

SAMPLE RATE	4 ms.
REFRACTOR LENGTH	6200 m/s.
AMPLITUDE	16
WEATHERING VEL	600 m/sec
SUBWEATHERING VEL	2500 m/sec
DATUM PLANE	SEA LEVEL
Scale VERTICAL 1 Sec	10.0 cm
HORIZONTAL 1 Km	10.56 cm
PREPROCESSOR REEL No	75304
STACK REEL No	84178
DATE	JUNE 1977

FIELD DATA

SPREAD CONFIGURATION 1020-100/100-1020 m

1 24 SP 25 48
920 m 100 100 920 m

ENERGY SOURCE DYNAMITE
CHARGE SIZE 4 Kg.
CHARGE DEPTH 27 m.
GEOPHONE PATTERN
GEOPHONE INTERVAL 40 m
GEOPHONES/GROUP 24
GEOPHONE FREQUENCY 10 Hz.

SKETCH

PROCESSING

TRANSCRIPTION
1. EBCDIC DEMULTIPLEX ONLY OUTPUT
2. EBCDIC GAINED OUTPUT
3. 9 CUT GEOPHONE AMPLITUDE OUTPUT

CORRELATION
5. PREPROCESSOR
STATIC CORRECTIONS
5. BEFORE NMO
5. AFTER NMO
DYNAMIC CORRECTIONS
8. STRAIGHT RAY
CURVED RAY
6. PRELIMINARY STACK
9. 100% CORRECTED
100% SELECTED TRACES
MINI SECTION
7. VELOCITY ANALYSIS

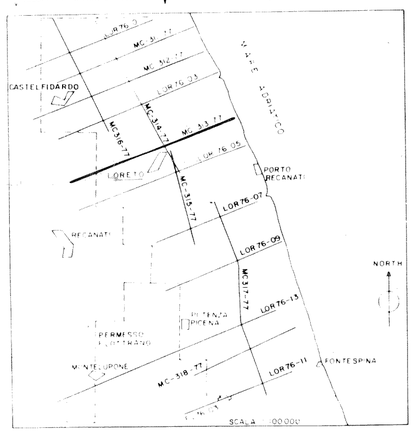
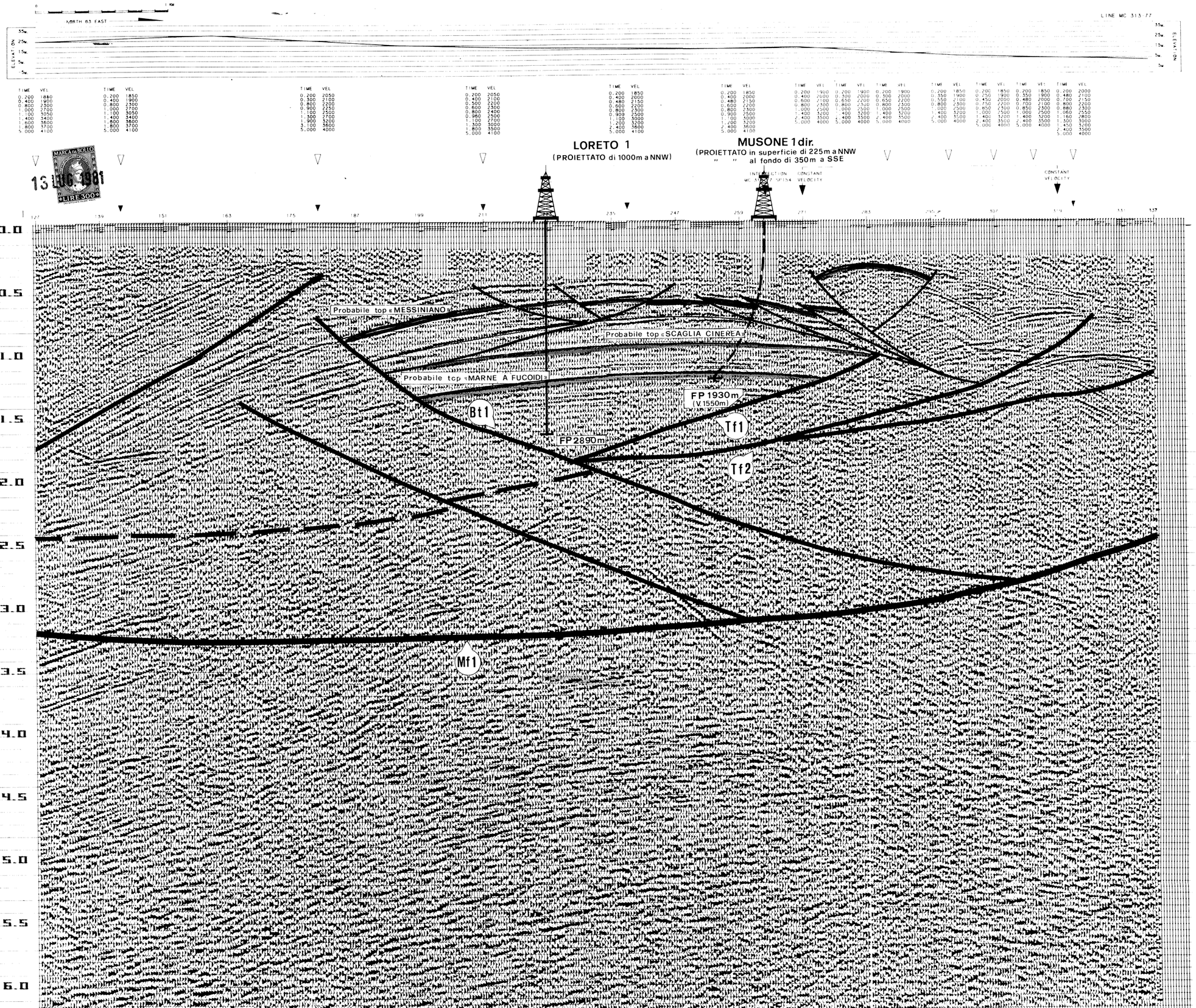
RESIDUAL STATICS
10 COMMON DEPTH POINT METHOD
COMMON OFFSET METHOD
COMMON SHOT METHOD
COMMON RECEIVER METHOD
MANUAL

STACK
WEIGHTED STACK
12 COHERENCY STACK

2 PREFILTER 10-70 Hz
SPECIAL GAIN ROUTINE
SPECIAL MUTE
FREQUENCY FILTER
MULTICHANNEL FILTER
RADIAL PREDICTIVE FILTER
CONTINUOUS VELOCITY ANALYSIS

INTERVAL VELOCITY TIME DOMAIN DECON	PREDICTION DISTANCE	OPERATOR LENGTH	No. WINDOWS
4 BEFORE STACK	24	136	3
AFTER STACK			

T.V. FILTER

MUTE

VELOCITY FUNCTION CHANGE ▼ INTERSECTION ▼ VELOCITY ANALYSIS LOCATION