THE AQUAPULSE SYSTEM

AGIP

AREA : SICILY

PROSPECT : ZONE "C"

WESTERN GEOPHYSICAL
DIVISION OF LITTON INDUSTRIES
MILAN DIGITAL CENTER

# LINE: C-531

S.P. 241 to S.P. 355

SOUTH EAST

DATUM PLANE : SEA LEVEL

INTERSECTION LINE C-532 S.P 8

INTERSECTION LINE C-534 S.P 12

## RECORDING DATA

PARTY NO. 62
ENERGY SOURCE AQUAPULSE
FILTER 10-80 HZ
CABLE 1600 m.
GEOPHONES 32 CRYSTAL ELEMENT TAPERED ARRAY
LEAD IN 765 FT.
AMPLIFIER REDCOR BINARY GAIN
CHARGE SIZE 4 GUNS POP
DATE SHOT JUNE '68

## PROCESSING INFORMATION

SAMPLE RATE 2 ms.

### DECONVOLUTION

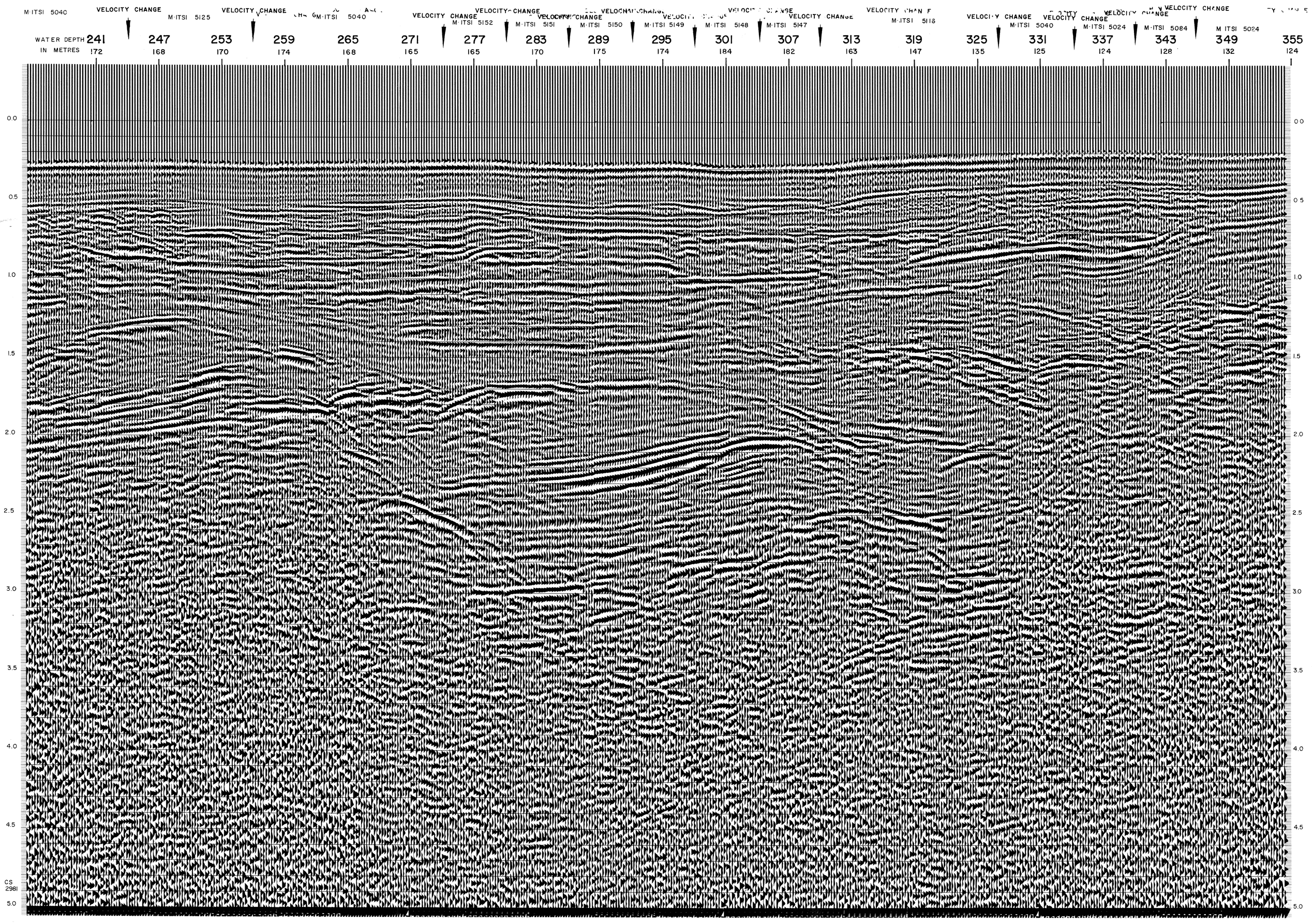
DECONVOLVED BEFORE STACK

AUTO CORR. INT. TIME VARIANT
MAX. APERTURE 0-560 ms.
TIME ZONE 0-5 Sec.
ITERATIONS 2

### TIME VARIANT FILTER

| TIME ZONE | L.C. Hz dB OCT | H.C. Hz dB OCT |
|---|---|---|
| 0.100-0.525 | 20 - 18 | 60 - 18 |
| 0.525-0.625 | 15 - 12 | 50 - 12 |
| 0.625-1.750 | 10 - 12 | 50 - 12 |
| 1.750-2.450 | 10 - 12 | 35 - 12 |
| 2.450-5.000 | 5 - 6 | 30 - 6 |

## PROCESSING SEQUENCE

1) EDIT - (SUM 4 POPS)
2) DECONVOLVED BEFORE STACK
3) NORMAL MOVE OUT
4) 1200 % STACK
5) TIME VARIANT FILTER
6) PLAYBACK (UNFILTERED)

REEL NO. 73251
DATE SEPTEMBER '68