THE AQUAPULSE SYSTEM

LINE: C-531

S.P. 481 to S.P. 595

DATUM PLANE : SEA LEVEL

SOUTH EAST

AGIP

AREA : SICILY

PROSPECT : ZONE "C"

WESTERN GEOPHYSICAL
DIVISION OF LITTON INDUSTRIES
MILAN DIGITAL CENTER

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 1968

PROCESSING INFORMATION

SAMPLE RATE 2 ms.

DECONVOLUTION

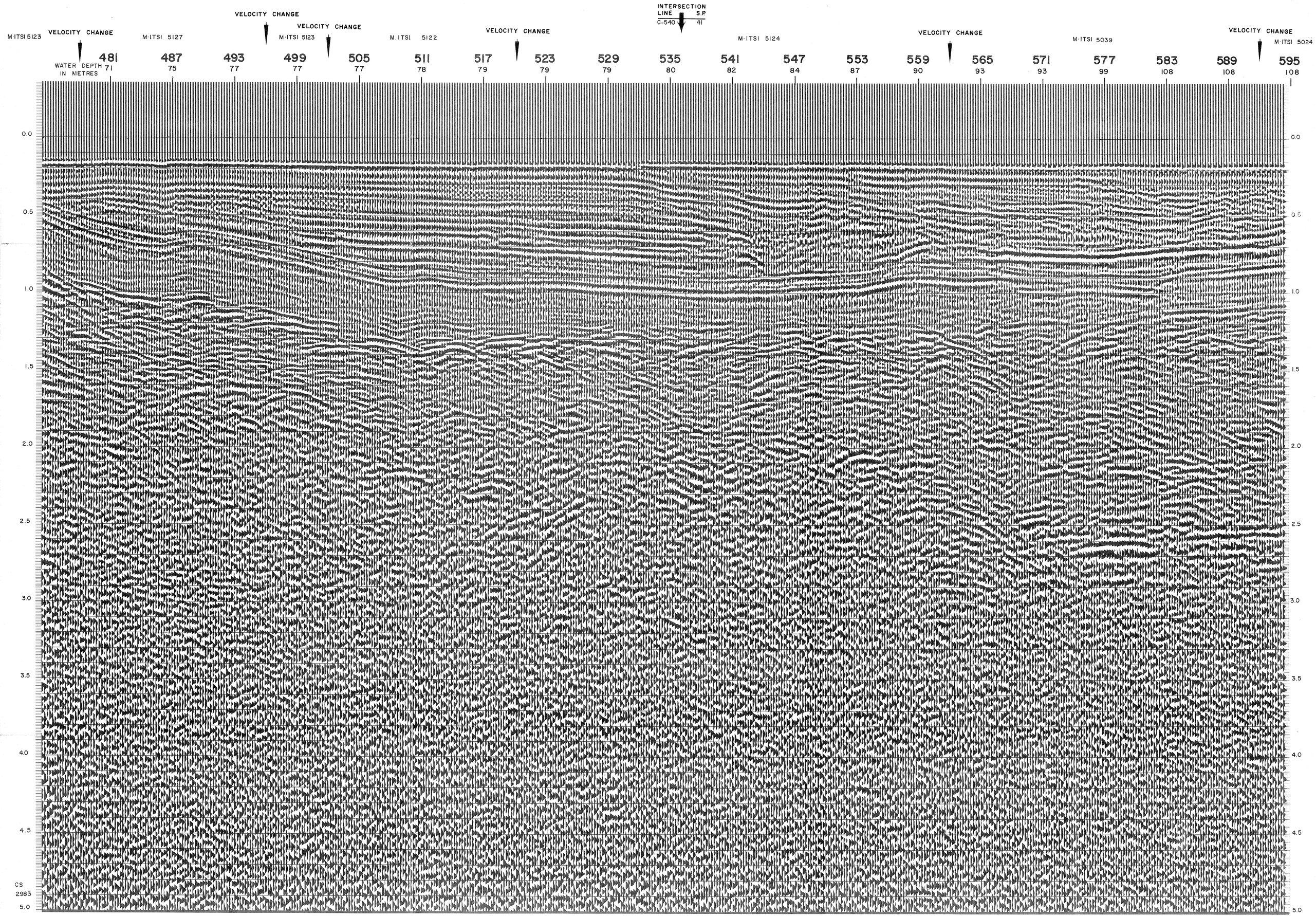
DECONVOLVED BEFORE STACK

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	L.C. dB OCT	H.C. Hz	H.C. 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. 7380 7
DATE SEPTEMBER 1968