



THE AQUAPULSE SYSTEM

LINE: C-598

S.P. 181^D to S.P. 103

DATUM PLANE : SEA LEVEL

VELOCITY CHANGE

INTERSECTION
LINE S.P.
C-533 4

181^D 175 169 163 157 151 145 139 133 127 121 115 109 103

192 185 177 170 166 162 159 159 160 161 159 150 146

M-ITSI 5032

VELOCITY CHANGE

INTERSECTION
LINE S.P.
C-543 20

181^D 175 169 163 157 151 145 139 133 127 121 115 109 103

192 185 177 170 166 162 159 159 160 161 159 150 146

M-ITSI 5033

SOUTHWEST

AGIP

AREA: GELA-NOTO

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 760'

AMPLIFIER REDCOR BINARY GAIN
CHARGE SIZE 4 GUNS POP
DATE SHOT MARCH 1969

PROCESSING INFORMATION

SAMPLE RATE 4ms

DECONVOLUTION

TIME VARIANT FILTER

L.C. H.C.

TIME ZONE Hz dB OCT Hz dB OCT

AUTO CORR. INT. TIME VARIANT

MAX. APERTURE 0-400 ms.

TIME ZONE 0-5 Sec.

ITERATIONS 2

0.150-0.350 20 6 50 12

0.350-0.600 15 6 50 12

0.600-1.400 10 6 50 12

1.400-3.000 10 6 35 12

3.000-5.000 5 6 30 12

PROCESSING SEQUENCE

- 1) EDIT - (SUM 4 POPS)
 - 2) DECONVOLVED BEFORE STACK
 - 3) NORMAL MOVE OUT
 - 4) 1200 % STACK
 - 5) TV FILTER
 - 6) PLAYBACK (UNFILTERED)
- V=VELOCITY ANALYSIS

REEL NO. 76716

DATE MAY 1969

