



THE AQUAPULSE SYSTEM



AREA: PANTELLERIA 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 JULY 1968

PROCESSING INFORMATION

SAMPLE RATE 2 ms.

DECONVOLUTION

DECONVOLVED BEFORE STACK

AUTO CORR. INT. \_\_\_\_\_ TIME VARIANT  
MAX. APERTURE 0-500 m.  
TIME ZONE 0-5 Sec.  
ITERATIONS 2

TIME VARIANT FILTER

L.C. H.C.  
TIME ZONE Hz dB OCT Hz dB OCT

0.400-0.625	20 - 18	60 - 18
0.625-0.725	15 - 12	50 - 12
0.725-1.000	10 - 12	50 - 12
1.000-2.000	10 - 12	35 - 12
2.000-5.000	5 - 6	30 - 6

PROCESSING SEQUENCE

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

REEL NO. 71439  
DATE OCTOBER 1968

LINE: C-1018

S.P. I to S.P. 97

NORTHEAST

DATUM PLANE : SEA LEVEL

M-ITSI 5143

INTERSECTION  
LINE S.P.  
C-1018 875

VELOCITY CHANGE

M-ITSI 5139

VELOCITY CHANGE

M-ITSI 5143

VELOCITY CHANGE

M-ITSI 5006

VELOCITY CHANGE

M-ITSI 5009

VELOCITY CHANGE

M-ITSI 5006

INTERSECTION  
LINE S.P.  
C-505 885

WATER DEPTH  
IN METRES

I NV

7 325

13 318

19 315

25 315

31 316

37 320

43 325

49 344

55 344

61 347

67 351

73 347

79 347

85 346

91 351

97 360

