



THE AQUAPULSE SYSTEM



AREA: PANTELLERIA

PROSPECT: ZONE "C"

WESTERN GEOPHYSICAL  
DIVISION OF LITTON INDUSTRIES  
MILAN DIGITAL CENTER

| RECORDING DATA               |                                     | PROCESSING INFORMATION   |                               | PROCESSING SEQUENCE  |
|------------------------------|-------------------------------------|--------------------------|-------------------------------|--|
| PARTY NO.                    | 62                                  | SAMPLE RATE 2 ms.        |                               | 1) EDIT - (SUM 3 POPS)<br>2) DECONVOLVED BEFORE STACK<br>3) NORMAL MOVE OUT<br>4) 1200 % STACK<br>5) TIME VARIANT FILTER<br>6) PLAYBACK (UNFILTERED) |
| ENERGY SOURCE                | AQUAPULSE                           | DECONVOLUTION            | TIME VARIANT FILTER           |  |
| FILTER                       | 10-80 HZ                            | DECONVOLVED BEFORE STACK | L.C. H.C.                     |  |
| CABLE                        | 1600 m.                             |                          | TIME ZONE Hz dB OCT Hz dB OCT |  |
| GEOPHONES                    | 32 CRYSTAL ELEMENT<br>TAPERED ARRAY |                          |                               |  |
| LEAD IN                      | 760'                                |                          |                               |  |
| AMPLIFIER REDCOR BINARY GAIN |                                     | AUTO CORR. INT.          | TIME VARIANT                  |  |
| CHARGE SIZE                  | 4 GUNS POP                          | MAX APERTURE             | 0-500 m.s.                    |  |
| DATE SHOT                    | JULY 1968                           | TIME ZONE                | 0-5 Sec.                      |  |
|                              |                                     | ITERATIONS               | 2                             |  |
|                              |                                     |                          |                               | REEL NO. 71439   |
|                              |                                     |                          |                               | DATE OCTOBER 1968  |

LINE: C-1018

S.P. 211 to S.P. 313<sup>D</sup>

DATUM PLANE: SEA LEVEL

NORTHEAST

INTERSECTION  
LINE S.P.  
C-1009 875

INTERSECTION  
LINE S.P.  
C-503 937

M-ITSI 5139

VELOCITY CHANGE

VELOCITY CHANGE

VELOCITY CHANGE

VELOCITY CHANGE

|             |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|
| WATER DEPTH | 211 | 217 | 223 | 229 | 235 | 241 | 247 | 253 | 259 | 265 | 271 | 277 | 283 | 289 | 295 | 301 | 307 | 313D |
| IN METRES   | 316 | 316 | 318 | 321 | 324 | 335 | 333 | 335 | 335 | 335 | 316 | 316 | 318 | 318 | 320 | 320 | 315 |      |

