



THE AQUAPULSE SYSTEM

LINE: C-1033

S.P. 436 to S.P. 538

DATUM PLANE: SEA LEVEL

INTERSECTION
LINE S.P.
C/316 310

M-ITSI 5205

VELOCITY CHANGE

ANG

M-ITSI 6181

INTERSECTION
LINE S.P.
C/038 385

NORTHWEST

AGIP

AREA: LAMPEDUSA

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 RECORD BINARY GAIN
CHARGE SIZE 4 GUNS POP
DATE SHOT AUGUST 1988

PROCESSING INFORMATION

SAMPLE RATE 2 ms

DECONVOLUTION

AUTO CORR. INT. TIME VARIANT
MAX APERTURE 0-600 m.
TIME ZONE 0-9 Sec
ITERATIONS 2

TIME ZONE Hz db OCT Hz db OCT

0.100-0.400 20 18 50 18
0.400-0.900 15 12 55 12
0.900-1.300 10 12 50 12
1.300-1.800 10 12 35 12
1.800-5000 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)
- 7) VELOCITY ANALYSIS

REEL NO. 73120

DATE NOVEMBER 1988

436 442 448 454 460 466 472 478 484 490 496 502 508 514 520 526 532 538

WATER DEPTH
IN METRES

0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
4.0
4.5
5.0

C.S.
6479
50

4.5
5.0