



THE AQUAPULSE SYSTEM

LINE: ES-218

S.P. 1 to S.P. 79

DATUM PLANE: SEA LEVEL

SOUTHEAST

AGIP

AREA: SARDINIA-ASINARA

PROSPECT: ZONE "E"

WESTERN
GEOPHYSICAL
DIVISION OF OIL 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 650 FT.
AMPLIFIER REDUCOR BINARY GAIN
CHARGE SIZE 4 GUNS POP
DATE SHOT APRIL 1968

PROCESSING INFORMATION

SAMPLE RATE 2 ms

DECONVOLUTION

DECONVOLVED BEFORE STACK

AUTO CORR. INT. TIME VARIANT
MAX. APERTURE 0-920 ms
TIME ZONE 0-4 sec
ITERATIONS 4

TIME VARIANT FILTER

TIME ZONE	Hz	dB OCT	Hz	dB OCT	Hz	dB OCT
	LC		HC			
0.00 - 0.275	25	18	50	12		
0.275 - 0.425	25	18	50	12		
0.425 - 0.85	15	12	45	12		
0.85 - 1.35	10	12	35	12		
1.35 - 4.00	10	12	30	12		

PROCESSING SEQUENCE

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

REFL NO. 70 819
DATE JULY 1968

M-MESA 5016

M-MESA 5003

M-MESA 5010

WATER DEPTH
IN METRES

1

7

13

19

25

31

37

43

49

55

61

67

73

79

VELOCITY CHANGE

VELOCITY CHANGE

INTERSECTION
LINE
ES-218
S.P. 12

