



THE AQUAPULSE SYSTEM

LINE: ES-238

S.P. 86 to S.P.011D

DATUM PLANE: SEA LEVEL

EAST



VELOCITY CHANGE

M-MESA 5015



M-MESA 5024

INTERSECTION



M-MESA 5015

AGIP

AREA: SARDINIA-ORISTANO

PROSPECT: ZONE "E"

WESTERN
GEOPHYSICAL
CORPORATION
MILAN DIGITAL CENTER

RECORDING DATA

PARTY NO. 82
ENERGY SOURCE AQUAPULSE
FILTER 10-80 HZ
CABLE 1000 m
GEOPHONES 32 CRYSTAL ELEMENT
TAPERED ARRAY
LEAD IN. 550 FT
AMPLIF. ER HECOR B/MARZ GAIN
CHARGE SIZE 4 GUNS 250
DATE SHOT APRIL 1968

PROCESSING INFORMATION

SAMPLE RATE 4 ms

DECONVOLUTION

DECONVOLVED BEFORE STACK

Z/TIC CORR. INT. TIME VARIANT
MAY. AMP. TUPP. 0 - 920 ms
TIME ZONE 0 - 4 sec
TERRA VONS 4

TIME VARIANT FILTER

TIME ZONE	Hz	dB OCT	Hz	dB OCT	LC	HC
0.00 - 0.40	25	18	50	12		
0.40 - 1.00	15	12	45	12		
1.00 - 1.55	10	12	40	12		
1.55 - 2.40	10	12	35	12		
2.40 - 4.00	5	6	30	6		

PROCESSING SEQUENCE

- 1) EDIT - (SUM & POS)
- 2) DECONVOLVED BEFORE STACK
- 3) NORMAL MOVE OUT
- 4) STACK (20/56)
- 5) TV-FILTER
- 6) PLAYBACK (UNFILTERED)

REFL. NO. 71 992
DATE JULY 1968

WATER DEPTH 86

80

74

68

62

56

50

44

38

32

26

20

14

8

2

05

011D

55

62

66

64

59

60

59

59

57

55

53

51

49

29

00

0.5

1.0

1.5

2.0

2.5

3.0

3.5

4.0

0.0

0.5

1.0

1.5

2.0

2.5

3.0

3.5

4.0

CS 2437