All. 7

LINE 47-77-25
S.P. 1000 TO 1189D
BLOCK 47

15

CONOCO
SICILY

33 DEGREES

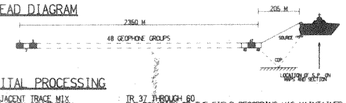
FILTERED STACK

48 TRACE 48 FOLD

FIELD DATA

DATE SHOT	JUNE 21 TO JUNE 30 1977
DATA SHOT BY	G.S.I. M.V. DOLAR
RECORDING INSTRUMENTS	DFS IV
RECORDING FILTERS	HIGH FILTER AND SLOPE 90 HZ 72 DB/OCT LOW FILTER AND SLOPE 8 HZ 18 DB/OCT
RECORDING POLARITY	A POSITIVE PRESSURE AT THE GEOPHONE PRODUCES A NEGATIVE NUMBER ON TAPE DOWNWARD DEFLECTION ON THE FIELD MONITOR REC
DIGITAL TAPE FORMAT	SEG B TRACE SEQUENTIAL
GAIN MODE	INSTANTANEOUS FLOATING POINT
RECORD LENGTH / SAMPLE RATE	6 SECONDS / 4 MS
ENERGY SOURCE	1450 CU IN AIRGUN ARRAY
GUN DELAY / DEPTH	52 MS / 8 METERS AVERAGE
SYSTEM GUN TO ANTENNA	24 METERS FROM CENTRE OF GUN
DISTRIBUTION INTERVAL	100 METRES / 4 CDPS PER SHOTPOINT
SHOTPOINT ANNOTATION	SHOTPOINTS ANNOTATED AT ANTENNA POSITION
CABLE LENGTH / DEPTH	4800 METRES / 5 METRES AVERAGE
NEAR OFFSET TO REAR GROUP	2375 METRES
PRIMARY NAVIGATION SYSTEM	DECCA
BACKUP NAVIGATION SYSTEM	GEOMAR
AIRGUN ARRAY	3 GUNS OVER 60X25 METRE AREA
DIRECTION SHOT	213 DEGREES

SPREAD DIAGRAM



DIGITAL PROCESSING

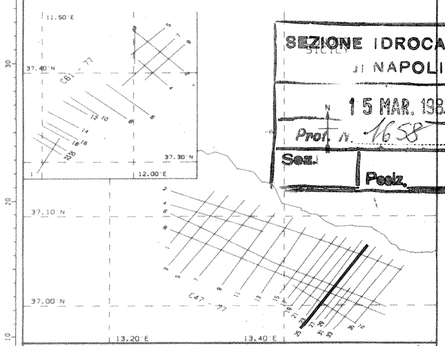
ADJACENT TRACE MIX	TR 37 THROUGH 60
POLARITY CONVENTION	THE POLARITY OF THE FIELD RECORDING WAS MAINTAINED THROUGHOUT THE PROCESSING AND DISPLAY
RECORD LENGTH	6 SECONDS
SAMPLE RATE	4 MS
STATIC CORRECTIONS	SHOT AND STREAMER STATIC 12 MS ADDITIONAL 52 MS
TRUE AMPLITUDE RECOVERY	4.0 SEC FROM 0 TO 4 SEC
DECONVOLUTION	SPHERICAL DIVERGENCE CORRECTIONS APPLIED OPERATOR OF 400 MS LONG WITH 996 MS WB DESIGN TRACE 18 W B 200 MS/VAL-100 TO 4000
VELOCITY INTERPRETATION	USING 7 DEPTH POINT VELOCITIES ONE EVERY KM
NORMAL MOVEOUT CORRECTION	USING ANNOTATED VELOCITIES
TRACE BALANCE SUPPRESSION	NOT APPLIED ON
COMMON DEPTH POINT STACK	48 FOLD
TIME VARIANT DECONVOLUTION	1 CYCLE OF 400 MS LONG DESIGN 100-4900 MS AT 996 MS WB FREQUENCY(HZ) TIME(MS) AT SP 1560 12 - 55 WB 12 - 50 4800 12 - 50 4400 8 - 35 3400 TO 5000
TIME VARIANT FILTERING	
TIME VARIANT SCALING	FLAT SCALING START TIME 50 MS BEFORE WB GATE LENGTH 200 200 200 200 500 3000 MS

DISPLAY

HORIZONTAL SCALE	1:50000	40.0 TR/KM	
VERTICAL SCALE		CM / SEC	
POLARITY	NORMAL		
BIAS (PER CENT)	50		
DATUM	SEA LEVEL		
DISPLAY UNIT	0.634881 CM		

DISPLAY GAIN

INPUT CDP	INPUT MS	GAIN DB
901	0	70.0
1189	2000	



SEZIONE IDROCARBURI
DI NAPOLI
15 MAR. 1985
Prot. N. 1658
Sez. Peolz.

30 AUG 1977 PARTY 6720

GEOPHYSICAL SERVICE INTERNATIONAL
(A DIVISION OF TEXAS INSTRUMENTS LIMITED)

LINE 47-77-25
S.P. 1000 TO 1189D

CDP 907 850 800 750 700 650 600 550 500 450 400 350 300 250 200 150 101 CDP

PALMA 1

PERMESSO C R47 CO

LINE YC 202 SP24 · LINE YC 200 SP26C · LINE YC 204 SP2 · LINE 7C 222A SP62 · LINE C47 77 10 SP1070 · LINE SP642 · LINE C47 77 8 SP1102 · LINE C47 77 6 SP1093C · LINE 7C 216 SP173

X-LINE X-SP

W.D MT SP

566 526 468 409 284 263 200 160 131 114 99 83 76 68 61 53 47 41 35
1180 1170 1160 1150 1140 1130 1120 1110 1100 1090 1080 1070 1060 1050 1040 1030 1020 1010 1000

0.0 1.0 2.0 3.0 4.0 5.0

TIME IN SECONDS

ALLOCTONO

BASE PLIOCENE

TETTO IBLA

TETTO SERBATOIO GIURASSICO

BASE PLIOCENE

CDP LINE C477725

907 850 800 750 700 650 600 550 500 450 400 350 300 250 200 150 101

BQQJS2B477725019 TVF6561C 0018 FRAME 001 OF 002 30AUG77 20:20:49 BQQJS2B477725019 TVF6561C 0018 FRAME 002 OF 002