A 5528

LINE: C87-A-252(PX)
SP 1000 TO 399
AREA: SICILY
PERMIT: C.R.128.SE
SOUTH-WEST
RIG TYP.

All. 5

Petrex

LINE: C87-252PX
SP 244 TO 600
AREA: SICILY
PERMIT: C.R.128.SE
NORTH-EAST
RIG TYP.

Petrex

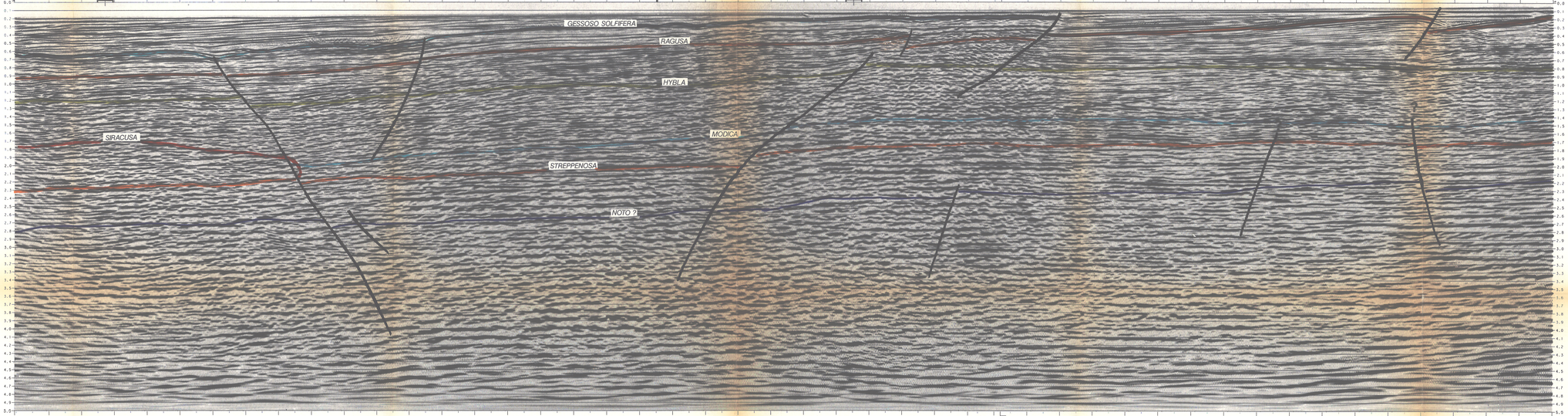
VEGA 1

C. R128. SE

LICATA 1 X
Proj.3.5 Km.

LINE C87-A-252(PX)

LINE C87-252 PX



Geoitalia

RECORDING DATA

SHOT BY	PETREX SECOMANDI
DATE	
RECORD. MAX SYSTEM	AUTOMAT. DIGITAL
SOURCE	
TYPE	AIRGUN
S.P. interval	50m
Shot depth	7m
Charge size	2150 cu.in
Pressure	2150-2200 psi
INSTRUMENTS RECORDING	
Recording system	SYNTRAK 480
Active channels	240
Active groups	240
Sample rate	2 ms
GEOPHONES	
Group	12
Geophones/group	12
Geophone type	SM-7
Geophone string	96
Natural frequency	10Hz
Per group spread	Linear

SHOT GEOMETRY

Line #	1
Shot #	2988 to 3988
Shot interval	50 m
Source Depth	7 m
Source Source	AIRGUN

AREA MAP

HORIZONTAL SCALES 1:25000
VERTICAL 1:10000 (6000 TWT)
1 cm = 1 km
1 cm = 1 sec

LEGEND
VIBROSEIS SHOT POINT
WATER DEPTH
PROJECTED LOCATION

R.C. FOR GEOITALIA

PROCESSING SEQUENCE

DATA PROCESSED APRIL.88

DEMULTIPLEX
COMPUTER FROM 350.0 TO 900.0000 m
INTERVAL LENGTH 1ms
RECORD LENGTH 7sec

INSTRUMENT PHASE COMPENSATION

DIGHERENT NOISE FILTER

TX SIGNAL REJECTED BIPS BETWEEN
X AND XX METER

NOISE EDITING

SHOT TRACE
CHANNEL TRACE
MUTING: TIME - OFFSET: m. + 1000 2500 3000
METRIC PARAMETERS

PREFILTER

TIME/DEPTH: t.C. (-142.88+DC) - m.C.
1.000 80/20 80/20
2.000 80/20 80/20
3.000 80/20 80/20
4.000 80/20 80/20

DECONVOLUTION - GAP

GEOMETRIC SPREADING
SPHERICAL DIVERGENCE
RECOMPOSITION
NUMBER CHANNELS 240
NUMBER GROUPS 240
NUMBER GROUPS PER OPERATION 240
GROUP INTERVAL 25 m
SHOT INTERVAL 50 m
FOLD 12

VIBRO VELOCITY ANALYSIS

M.M.T. STACK

DE-MIX
DYNAMIC CORRELATION
MUTING: TIME - OFFSET: m. + 1000 2500 3000
WINDOW: 1st: 500 2nd: 1000 3rd: 2000

MIGRATION

NOISE - F. STACK

DIGHERENT NOISE FILTER

TX SIGNAL REJECTED BIPS BETWEEN
X AND XX METER

F-K FILTER

RADIAL PREDICTIVE FILTER

FINAL DATA - TRACE SPACEING
FILM DATA - TYP OF FILTER

DMO DATA

DATA NUMBER FREQUENCY(-) DOUBLES
FROM TO AT TO MIG AT

MIGRATION

ELABORATIONTIMES DATA AFTER BEFORE EXPL
TIME VELOCITY MIGRATION AT DEPTH

FINAL VERTICAL FILTER

TIME/DEPTH: t.C. (-142.88+DC) - m.C.
1.000 70/30 80/20
2.000 70/30 80/20
3.000 70/30 80/20
4.000 70/30 80/20

COMMENTS

WATER BOMBS ON SOLID
SHOT POINT NUMBERS CORRESPONDS AT SHOT
NUMBERS ON FIELD RECORDS. SHOT POINT
INCREMENT IS 1 AND SHOT POINT INTERVAL
IS 50 METERS. SHOT POINT NUMBERS INCREA-
SING TO THE SOUTH-EAST (PROFILE).

THE CLOSEST REPRESENTATIVE WELL DATA
ARE: 1) COLOMBARA (PROJECTED AT
2) CASTELLUCCIO (PROJECTED AT

LINE LOCATION MAP

Geoitalia

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