ELF ITALY

PROSPECT CR 94 PX

LINE 1-86-CR94-12

S.P.: 101 - 557

FILTERED STACK SECTION

N.E. (211)

RECORDING PARAMETERS

RECORDED BY	GECO	DATE	JUNE 1986
BOAT	GECO ALPHA	JOB NO	6592
INSTRUMENT	DFS-V	GAIN CONSTANT	24 DB
LOW CUT FILTER	8HZ,18DB/OCT	HIGH CUT	128HZ,72DB/OCT
SAMPLE RATE	2MS	RECORD LENGTH	6 SECS
SHOT INTERVAL	25M	FOLD	60
SOURCE	AIRGUNS	TOTAL VOLUME	6278 CU.INS.
PRESSURE	2000 PSI	GUN DEPTH	7.5M
STREAMER TYPE	GECO HSSQ	STREAMER DEPTH	8M+-1.5
NUMBER OF GROUPS	120	GROUP INTERVAL	12.5M 25M
HYDROPHONES GROUP	30 AZ	GROUP LENGTH	12.5M 25M
PRIMARY NAVIGATION	SYLEDIS	SECONDARY NAV.	4.7 SEC
FIELD TAPE FORMAT	SEGD	TAPE DENSITY	3200 BPI
RECORDING POLARITY	COMPRESSION WAVE RECORDED AS NEGATIVE NUMBER ON TAPE		

SOURCE-RECEIVER PATTERN

ANTENNA	SOURCE	1 2 3 4 5 6 7 8 9	119 120
		x x x x x x x x x	x x x x x x x x x
81M	120M	2981.25M	

PROCESSING PARAMETERS

PROCESSED SB FOLD CDP STACK PROCESSING SAMPLE RATE 4 MS
REFORMAT AND EDIT
GAIN REMOVAL EXPONENTIAL GAIN RATE: +3 DB, FROM 0.0 SECS TO 3.0 SECS
MINIMUM PHASE ANTI-ALIAS FILTER APPLIED, CUT OFF 90 HZ, 72DB/OCT
RESAMPLE FROM 2MS TO 4MS
ADJACENT TRACE SUMMATION GROUPS 1 TO 8 TO GIVE 25.0M GROUP INTERVAL
CONVERSION OF MINIMUM PHASE WAVELET TO ZERO PHASE
60 FOLD CDP GATHER
DECONVOLUTION BEFORE STACK: TYPE: GAPPED LENGTH: 160 MS OF +30MS GAP
NEAR TRACE 0.4 - 3.0 SECS
FAR TRACE 2.6 - 3.6 SECS
WHOLE TRACE EQUALIZATION
DYNAMIC CORRECTIONS:
VELOCITY CORRECTIONS USING PARAMETERS FROM DIGITIZING VELOCITY ANALYSES LOCATED EVERY KILOMETRE
TRACE COMPRESSION (TO 10 FOLD) AFTER DIFFERENTIAL MOVEOUT CORRECTION
RANDOM NOISE REMOVAL USING DIGITIZING LUNA ON COMMON OFFSET SORTED DATA
NORMAL MOVEOUT CORRECTION AND NMO STRETCH SUPPRESSION
10 FOLD CDP STACK
SHOT AND STREAMER STATIC CORRECTIONS: +10 MSEC
SPHERICAL DIVERGENCE CORRECTION
COHERENT NOISE ATTENUATION VIA FK FILTERING:
PASSING DIPS BETWEEN +8 AND -8 MS PER TRACE
TIME VARIANT DIGITAL BAND PASS FILTER:

TIME (SECS)	FREQUENCY HZ
0.0 - 1.0	10 - 50
2.0	8 - 45
4.0	6 - 40

500MS AGC
RADIAL PREDICTIVE FILTERING USING DIGITIZING ENHANCE:
ADDBACK ORIGINAL DATA 80%
POLARITY REVERSAL

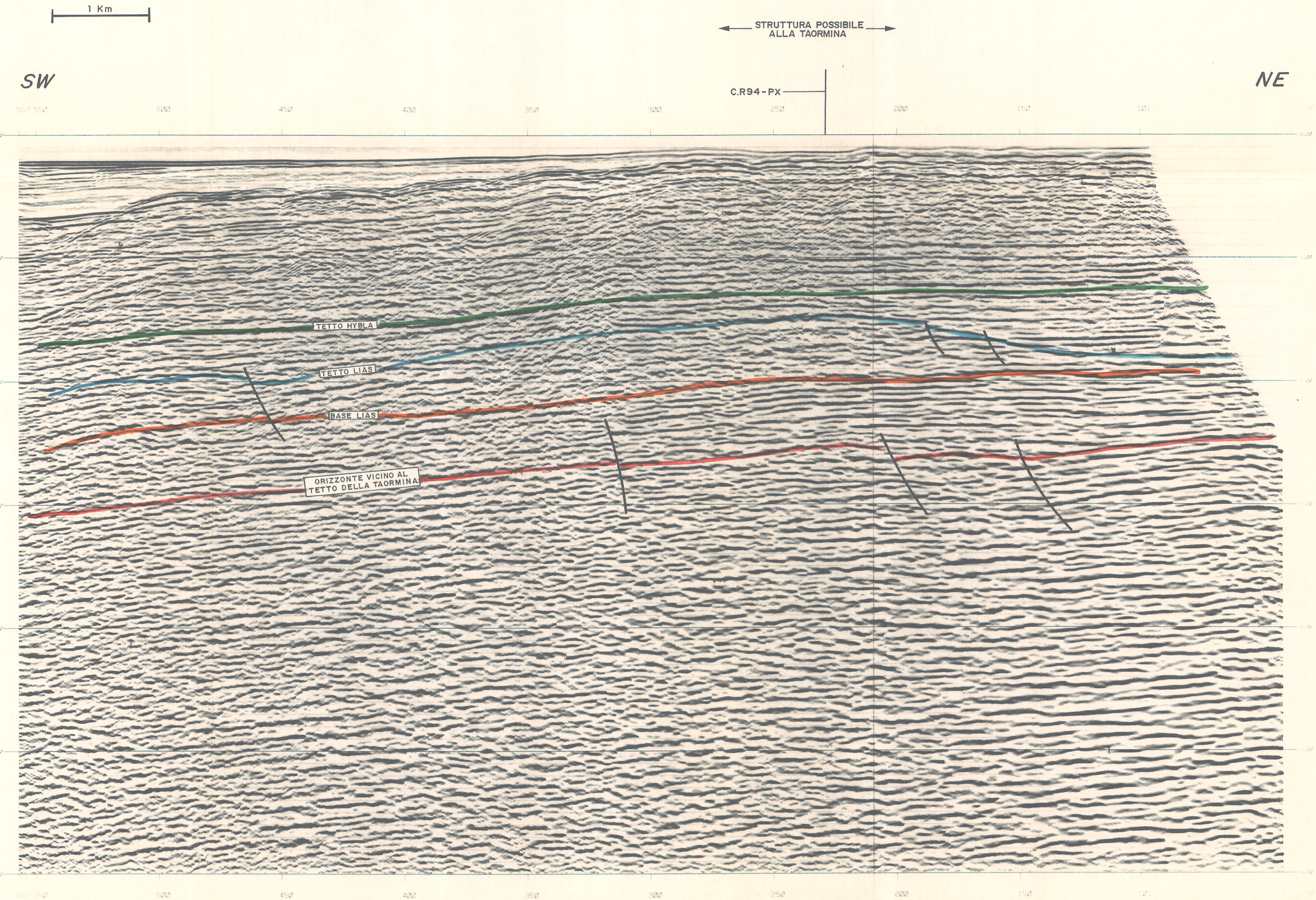
DISPLAY PARAMETERS

POLARITY CONVENTION: COMPRESSION WAVE DISPLAYED AS A PEAK BLACK
HORIZONTAL SCALE 1 1:12,500 1:25,000 PARTS CHIEF 1 NOR
VERTICAL SCALE 1 10 CM/SEC 5 CM/SEC
DATE 1 JANUARY 1988 BID NUMBER 1 6280
PLOTTED ON SEISCHROME LASER 400 DPI, 50% OVERLAP

KILOMETRES
0.0 0.5 1.0 1.5 2.0

DIGITAL EXPLORATION LIMITED,
EAST GRINSTEAD,
SUSSEX, RH19 4HG,
ENGLAND.

PROCESSED ON A VAX 11/780 USING DIGITIZING PROPRIETARY DISCO SOFTWARE.



DIR. EXPLORATION

Date: 11/88
Auteur: MULLER
Dess: CIPULLO
N°Classt: Ca4.12y195

All. 3