VELOCITIES AT SP 0.00

TIME	DEPTH	V-RMS	V-INT
ms	m	m/s	m/s
100	73	1460	1460
472	370	1570	1598
600	479	1600	1706
792	666	1690	1945
1052	994	1930	2524
1140	1113	2000	2700
1280	1288	2060	2495
1460	1559	2200	3013
1512	1677	2320	4540
1700	2025	2510	3699
1900	2538	2900	5133
2160	3095	3100	4287
2280	3445	3300	5825
2800	4554	3550	4268
3000	5033	3600	4785

VELOCITIES AT SP 80.00

TIME	DEPTH	V-RMS	V-INT
ms	m	m/s	m/s
100	73	1460	1460
460	361	1570	1599
680	550	1620	1720
1120	1099	2010	2496
1260	1303	2130	2917
1380	1450	2160	2453
1420	1583	2300	4433
1772	2276	2750	4174
1912	2570	2880	4190
2120	3054	3100	4659
2620	4066	3300	4039
3000	4828	3400	4022

VELOCITIES AT SP 160.00

TIME	DEPTH	V-RMS	V-INT
ms	m	m/s	m/s
100	73	1460	1460
200	150	1500	1539
512	414	1620	1692
752	630	1680	1801
1112	1096	2020	2590
1380	1424	2110	2448
1420	1517	2220	4622
1560	1726	2300	2993
1712	2114	2670	5099
2272	3206	3020	3900
3000	4681	3300	4051

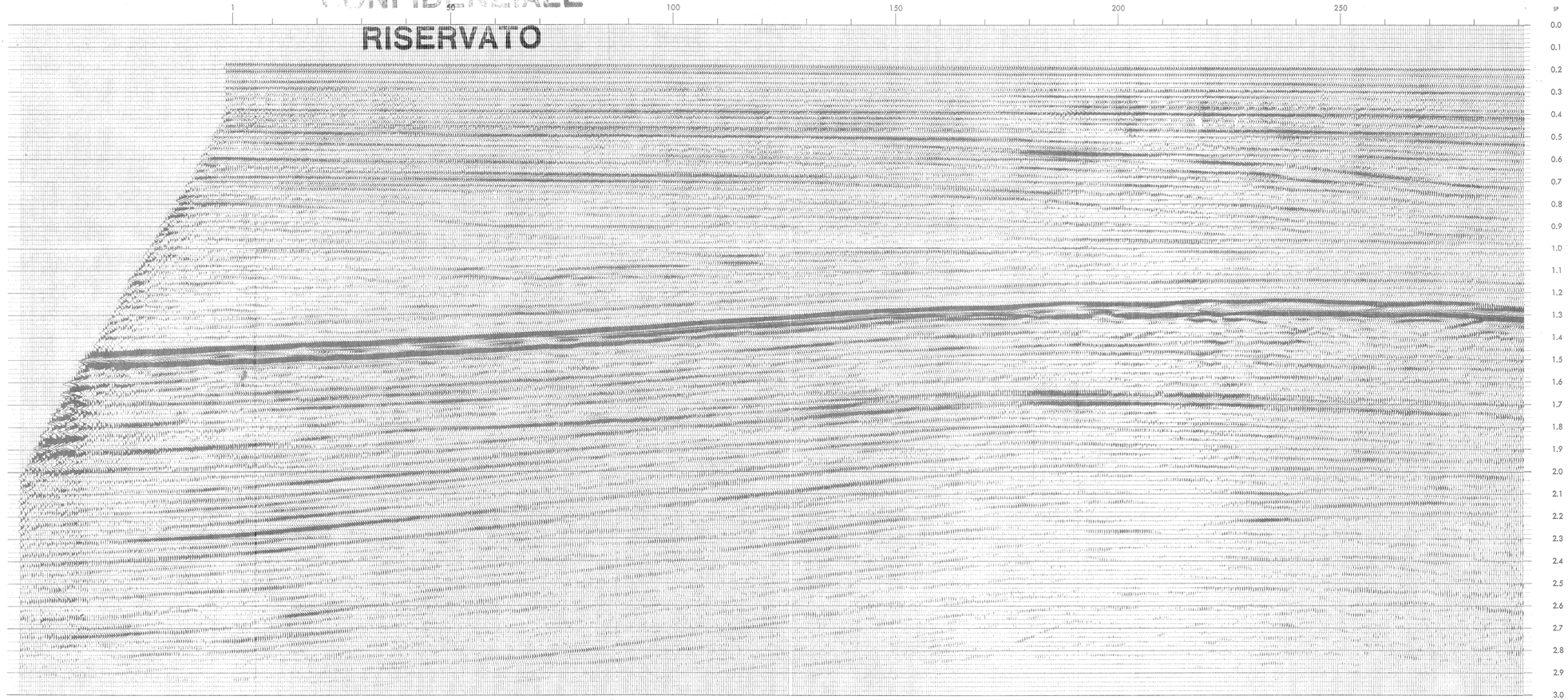
VELOCITIES AT SP 240.00

TIME	DEPTH	V-RMS	V-INT
ms	m	m/s	m/s
100	73	1460	1460
200	150	1500	1539
560	439	1590	1661
640	529	1660	1996
1240	1274	2100	2685
1280	1359	2200	4265
1700	2105	2600	3551
2120	3042	3060	4661
2200	3254	3170	5311
3000	4840	3400	3964

LINE BR-146-81-106
SP. 279

LINE BR-146-81-107
SP. 98

CONFIDENZIALE
RISERVATO



CONFIDENZIALE
RISERVATO

Shot points: 1–380 Line: BR–146–81–02

Client: TOTAL MINERARIA

Area: Adriatic

Location: ANCONA

NE

Process: SCORR + DCON + 4800% TRAP STACK + FILTER

Acquisition: C.G.G.

VESSEL: Polarbjorn DATE: February 1981

ENERGY SOURCE: Vaporchoc

direction of shooting	44°		
pop interval	25 m		
shotpoint interval	25 m		
source depth	5.04 m		
source array	1 valve		
RECEIVING ARRANGEMENT:			
fold of recording	48		
no. of groups	96	interval	25 m
cable length	2375 m	depth	15 m
near trace	1	offset	208 m
INSTRUMENTATION:			
hydrophones	24 per group		
filters: low cut	8 Hz	slope	12 dB/octave
high cut	125 Hz	slope	48 dB/octave
record format	SEGB		
record length	5 s		
sample interval	2 ms		
POSITIONING SYSTEM:			
primary	Syledis		

Processing: SEISCOM DELTA INC.

CENTER: HOUSTON, TEXAS DATE: May 1981

COMPUTER SYSTEM: MEGASEIS

INITIAL PROCESS:	
demultiplex	3 s
resample	4 ms
gain recovery	
amplitude compensation using exponential expansion	
SIGNATURE CORRECTION:	
signature length	250 ms
autocorrelation length	250 ms
operator length	400 ms
wavelet frequency band	12–90 Hz. slope 24–80 dB/octave
DECONVOLUTION BEFORE STACK:	
deconvolution type	predictive
operator length	300 ms
prediction lag	32 ms
autocorrelation length	2500 ms
design window	0.4 – 2.9 s near trace
	1.9 – 3.0 s far trace
applied from	0.0 s
removal of amplitude compensation	
CORRECTIONS:	
static corrections	for source and geophone depth
datum	sea level
NORMAL MOVEOUT:	
velocities	from Seiscom's Velocity Spectra
SPHERICAL DIVERGENCE COMPENSATION:	
STACKING:	
type	standard CDP
fold	48
surface consistent amplitude compensation	(TRAP ™)
EXPONENTIAL GAIN AFTER STACK:	
window	0–800ms rate: 25 dB/sec
SPACE AND TIME VARIANT FREQUENCY FILTERING:	
filter interpolation	linear between times specified

0.0– –0.0
0.5– (1) –0.5 1) 18 – 55 Hz
1.0– (2) –1.0 2) 12 – 55 Hz
1.5– –1.5
2.0– –2.0
2.5– –2.5
3.0– (3) –3.0 3) 8 – 35 Hz

Quality control Mark Stanley Approved Doug Rosenstein

Display Parameters:

DISPLAY SYSTEM	SEISCHROME II
vertical scale	10 cms per sec
horizontal scale	10 traces per cm
peaks represent	positive digital numbers

0 1/2 1Km