



Shot points: 1-420 Line: BR-145-81-03
Client: TOTAL MINERARIA
Area: Adriatic
Location: ANCONA
Process: SCORR + DCON + 4800% TRAP
STACK + FILTER

Acquisition: C.G.G.
VESSEL: Palatjan DATE: February, 1981
ENERGY SOURCE: Vapochoc
direction of shooting 247°
pop interval 25 m
shotpoint interval 25 m
source depth 5.04 m
source carry 1 vol/w
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 Sirelis

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
auto correlation length 250 ms
operator length 400 ms
waxlet frequency band 12-90 Hz slope 24-80 dB octave
DECONVOLUTION BEFORE STACK:
deconvolution type predictive
operator length 300 ms
prediction lag 32 ms
auto correlation length 2500 ms
design window 0.4 - 2.9 s near trace
1.9 - 3.0 s far trace
applied from 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-
0.5- (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 Day Lantini

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 1 Km

VELOCITIES AT SP 370.00			VELOCITIES AT SP 330.00			VELOCITIES AT SP 240.00			VELOCITIES AT SP 160.00			VELOCITIES AT SP 80.00			VELOCITIES AT SP 0.00				
TIME	DEPTH	V-INT	TIME	DEPTH	V-INT	TIME	DEPTH	V-INT	TIME	DEPTH	V-INT	TIME	DEPTH	V-INT	TIME	DEPTH	V-INT		
m	m	m/s	m	m	m/s	m	m	m/s	m	m	m/s	m	m	m/s	m	m	m/s		
100	73	1460	100	73	1460	100	73	1460	100	73	1460	100	73	1460	100	73	1460		
740	484	1760	740	484	1760	740	484	1760	740	484	1760	740	484	1760	740	484	1760		
980	846	1730	980	846	1730	980	846	1730	980	846	1730	980	846	1730	980	846	1730		
1292	1208	1890	1292	1208	1890	1292	1208	1890	1292	1208	1890	1292	1208	1890	1292	1208	1890		
1400	1329	1920	1400	1329	1920	1400	1329	1920	1400	1329	1920	1400	1329	1920	1400	1329	1920		
1572	1556	2010	1572	1556	2010	1572	1556	2010	1572	1556	2010	1572	1556	2010	1572	1556	2010		
2300	2310	2050	2300	2310	2050	2300	2310	2050	2300	2310	2050	2300	2310	2050	2300	2310	2050		
3000	4735	3400	4156	3000	4735	3400	4156	3000	4735	3400	4156	3000	4735	3400	4156	3000	4735	3400	4156

