

VELOCITIES AT SP 800.00

TIME	DEPTH	V-RMS	V-INT
228	166	1460	1460
400	100	1500	1551
488	373	1530	1660
748	607	1630	1803
828	691	1680	2050
968	793	1650	1460
1208	1070	1800	2308
1368	1233	1830	2042
1468	1367	1900	2680
1648	1538	1900	1900
1680	1624	2020	5330
2220	2941	2960	4880
3000	4950	3670	5151

VELOCITIES AT SP 880.00

TIME	DEPTH	V-RMS	V-INT
228	166	1460	1460
488	356	1460	1460
768	640	1690	2029
860	718	1690	1690
948	814	1740	2169
1040	889	1700	1215
1108	927	1700	1700
1340	1216	1880	2486
1528	1416	1900	2164
1660	1587	1960	2554
1820	1820	2060	2901
1968	2155	2340	4242
2280	3117	3130	6562
3000	4936	3700	5042

VELOCITIES AT SP 1040.00

TIME	DEPTH	V-RMS	V-INT
228	166	1460	1460
400	304	1520	1596
680	526	1560	1709
808	664	1640	2145
880	732	1680	1800
968	815	1700	1888
1108	928	1700	1700
1160	989	1720	2052
1260	1108	1780	2367
1548	1447	1900	2354
1608	1555	1990	3605
1888	2027	2350	3375
2048	2346	2420	3766
2248	2823	2730	5079
3000	4863	3600	5424

VELOCITIES AT SP 1040.00

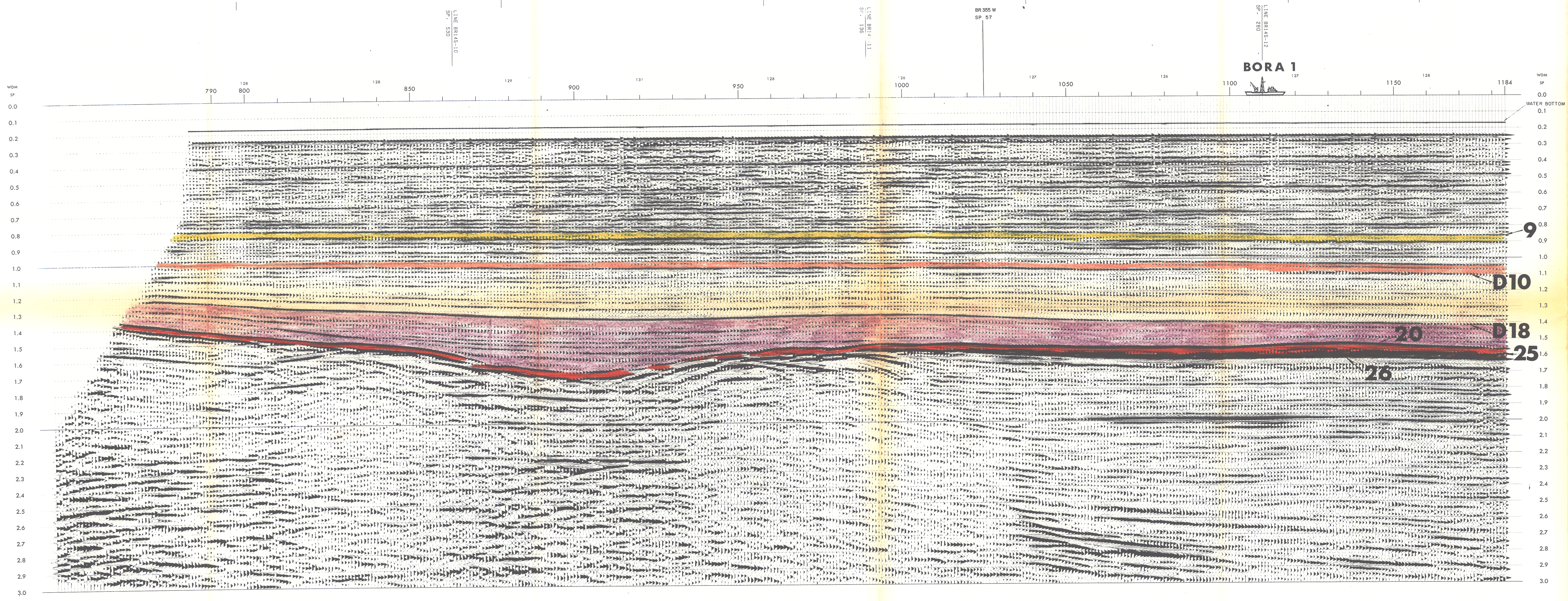
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228	166	1460	1460
400	304	1520	1596
680	526	1560	1709
808	664	1640	2145
880	732	1680	1800
968	815	1700	1888
1108	928	1700	1700
1160	989	1720	2052
1260	1108	1780	2367
1548	1447	1900	2354
1608	1555	1990	3605
1888	2027	2350	3785
2048	2346	2420	3744
2248	2823	2730	5079
3000	4978	3800	6588

VELOCITIES AT SP 1120.00

TIME	DEPTH	V-RMS	V-INT
228	166	1460	1460
780	623	1600	1654
860	722	1700	2471
1028	816	1620	1125
1200	1012	1730	2279
1400	1247	1830	2342
1548	1462	1900	2916
1640	1634	2100	3738
1988	2240	2400	3482
2348	3100	2850	4524
2688	3996	3300	5601
3000	4862	3600	5549

VELOCITIES AT SP 1160.00

TIME	DEPTH	V-RMS	V-INT
228	166	1460	1460
400	294	1470	1483
748	623	1630	1788
900	705	1580	1250
1080	912	1720	2285
1248	1044	1700	1565
1388	1239	1840	2793
1460	1350	1920	3080
1640	1628	2080	3085
1928	2087	2280	3188
2380	2915	2600	3663
2880	4173	3160	5034
3000	4516	3300	5709



Shot points: 790-1184 Line: BR-145-18
Client: TOTAL MINERARIA
Area: Adriatic
Location: ANCONA
Process: SCORR + DCON + 4400% TRAP STACK + FILTER

Acquisition: Geophysical Offshore Exploration
VESSEL: M. V. Gael Egide DATE: April 1978
ENERGY SOURCE: Air Gun
direction of shooting: 6g°
pup interval: 25m
shot point interval: 50m
source depth: 7.6m
source array: 16 guns
size: 2438cu. in
RECEIVING ARRANGEMENT:
fold of recording: 44 interval 50m
no. of groups: 44 depth 12.2m
cable length: 2150m offset 230m
near trace: 44
INSTRUMENTATION:
hydrophone: 32 per group
recording system: LAS-888 COBA 1
filters: low cut: 6 Hz
high cut: 124 Hz
record format: SEGC
record length: 6 s
sample rate: 2 ms
POSITIONING SYSTEM:
Primary: Transponder
Secondary: Sat Nav

Processing: Seiscom Delta Exploration Inc
CENTRE: DUBLIN DATE: May 1980
COMPUTER SYSTEM: MEGASEIS
INITIAL PROCESSING:
demultiplex: 3s
resample: 4ms
anti alias filter: 90 Hz. slope 80 dB/octave
gain recovery:
amplitude compensation using exponential expansion
SIGNATURE CORRECTION (PULSE II):
signature: statistically estimated from each file
signature length: 200ms
autocorrelation length: 200ms
operator length: 500ms
filter: low cut: 8 Hz. slope 24 dB/octave
high cut: 90 Hz. slope 80 dB/octave
DECONVOLUTION BEFORE STACK:
type: predictive
operator length: 300ms
predictive lag: 16m
autocorrelation length: 2500ms
design window: 0.4 - 2.9s near trace
1.9 - 3.0s far trace
0.0s
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
first break mute: 0-210 400-360 1000-910 2000-2360
SPHERICAL DIVERGENCE COMPENSATION:
STACKING:
type: standard CDP
fold: 44 (TRAP 7M)
surface consistent amplitude compensation
EXPONENTIAL GAIN AFTER STACK:
0.0-3.0 s rate: 3 dB/sec
SPACE AND TIME VARIANT FREQUENCY FILTERING:
filter interpolation: linear between times specified
0.0 0.0
0.5 (1) 0.5 1118 - 55 Hz
1.0 (2) 1.0 2112 - 55 Hz
1.5 -1.5
2.0 -2.0
2.5 -2.5
3.0 (3) 3.0 318 - 55 Hz
Quality control Mark Stanley Approved John W.O. Dowd

Display Parameters:
DISPLAY SYSTEM SEISCHROME II
vertical scale: 10 cms per sec
horizontal scale: 5 cms per sec
peaks represent: positive digital numbers
0 1/2 1 km