LINE CNW-103-5
S.P. 1 TO 399

.5000% D.B.S.-R.A.P.-MIGR.

NORTHEAST

AUTHOR : G. MAZZOLDI

DATE : SEPT. 1984

DWG. No. : 211 / S 152

REPORT No. R. 05/84

SEZIONE IDROCARBURI
di NAPOLI
2 4 MAG. 1985
Prot. n. 3437
Sez. Posiz.

ENCL. 11

TIME (S)	RMS VEL	DIX INT
0.03	1480	1480
0.29	1580	1591
0.55	1610	1643
0.74	1650	1761
0.97	1700	1852
1.21	1760	1984
1.29	1850	2087
1.45	1930	2483
1.61	2060	2930
1.81	2360	3799
2.02	2760	4194
3.99	3000	1974

TIME (S)	RMS VEL	DIX INT
0.02	1480	1480
0.46	1570	1674
0.59	1640	1863
0.75	1690	1686
0.93	1680	1677
1.25	1790	2077
1.43	1890	2487
1.64	1940	2584
2.01	2500	4220
2.83	3000	3764

TIME (S)	RMS VEL	DIX INT
0.03	1480	1480
0.55	1630	1638
0.79	1660	1739
1.02	1730	1951
1.49	1810	2051
1.87	2000	2551
2.34	2200	3405
2.75	2500	4220
4.00	3000	3764

TIME (S)	RMS VEL	DIX INT
0.01	1480	1480
0.36	1600	1671
0.70	1690	1809
0.96	1690	1682
1.17	1710	1832
1.37	1810	2094
1.55	1980	2594
1.75	2150	2882
2.05	2360	3405
2.63	2580	4274
3.99	3200	4182

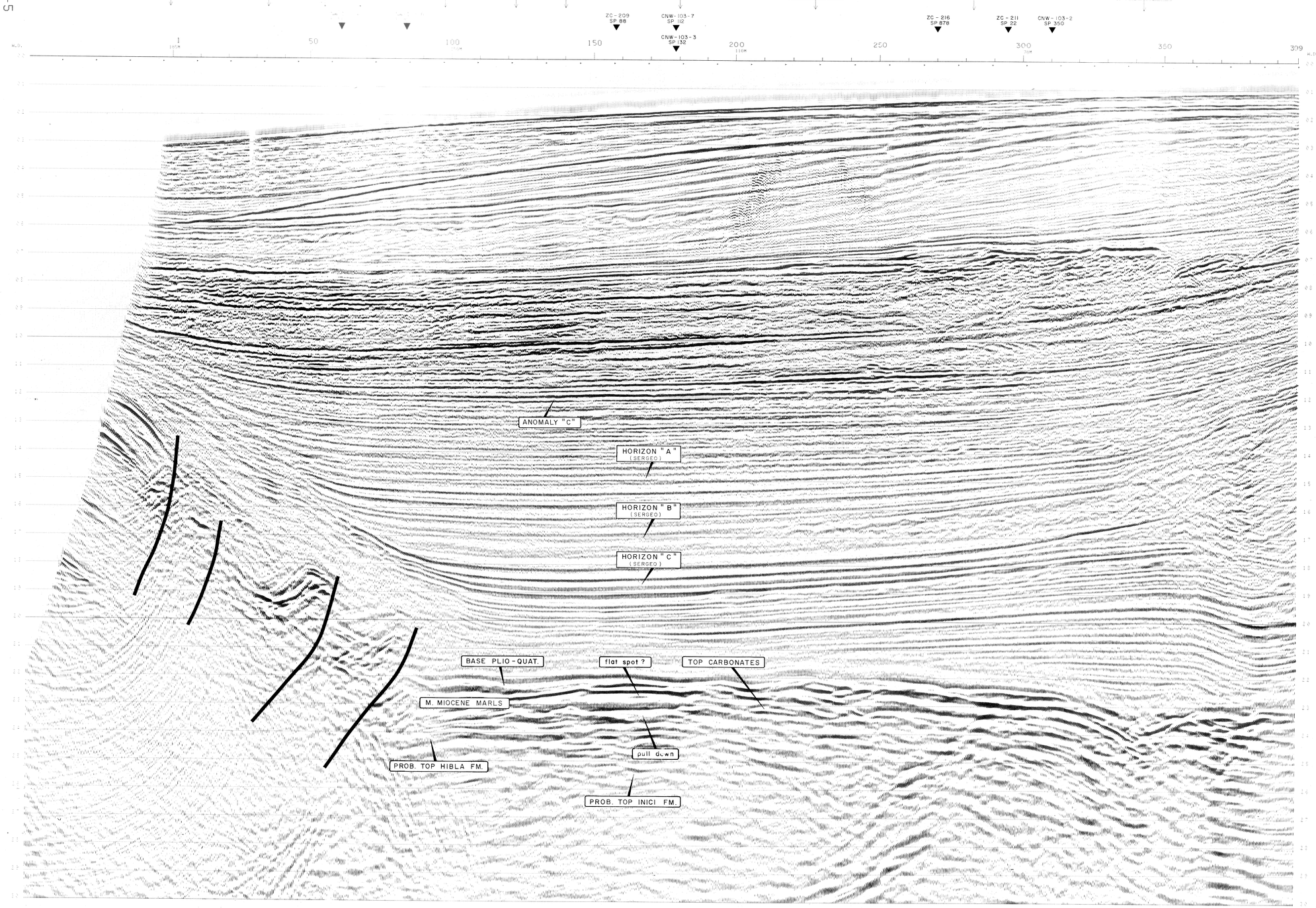
TIME (S)	RMS VEL	DIX INT
0.02	1480	1480
0.64	1670	1756
0.84	1710	1816
1.02	1740	1892
1.19	1820	2088
1.26	1860	2088
1.39	1880	2162
1.65	1930	2422
1.76	1960	2505
1.91	2020	2762
2.08	2060	2943
2.19	2120	2928
2.33	2170	3074
2.49	2260	3281
2.65	2420	3719
2.91	2540	3538
4.00	3020	4031

TIME (S)	RMS VEL	DIX INT
0.19	1460	1460
0.43	1600	1703
0.63	1640	1721
0.76	1640	1682
0.88	1670	1832
1.07	1800	2102
1.22	1840	2005
1.42	1940	2406
1.62	1940	2108
1.67	1960	2251
1.81	1980	2505
1.99	2000	2741
2.05	2020	2797
2.21	2120	3130
2.31	2170	3074
2.43	2250	3037
2.65	2420	3719
2.91	2540	3538
4.00	3020	4031

TIME (S)	RMS VEL	DIX INT
0.23	1460	1460
0.45	1510	1601
0.63	1680	2279
0.67	1730	1816
0.88	1770	1892
1.10	1820	2088
1.26	1860	2088
1.39	1880	2162
1.65	1930	2422
1.76	1960	2505
1.91	2020	2762
2.08	2060	2943
2.19	2120	2928
2.33	2170	3074
2.49	2260	3281
2.65	2420	3719
2.91	2540	3538
3.99	3000	3752

TIME (S)	RMS VEL	DIX INT
0.20	1500	1500
0.38	1670	1844
0.49	1670	1927
0.61	1710	1816
0.81	1740	1892
0.92	1810	2088
1.15	1840	1939
1.29	1880	2162
1.51	1950	2285
1.65	1980	2505
1.76	2000	2629
1.89	2060	2943
2.12	2120	2928
2.33	2170	3074
2.49	2270	3281
2.65	2420	3719
2.99	2540	3081
3.85	2640	3752
3.85	2670	3766
3.99	2700	3796

TIME (S)	RMS VEL	DIX INT
0.19	1470	1470
0.41	1610	1675
0.54	1640	1721
0.67	1640	1682
0.87	1830	1936
1.15	1960	2307
1.29	1960	2162
1.42	1960	2108
1.65	1980	2505
1.76	2000	2629
1.89	2060	2943
2.12	2120	2928
2.33	2170	3074
2.49	2270	3281
2.65	2420	3719
2.99	2540	3081
3.85	2670	3766
3.99	2700	3796



CANADA NORTHWEST (CNW) ITALIANA SPA

WESTERN RICERCHE GEOFISICHE
MILAN - ITALY

AREA OFFSHORE SICILY
PERMIT CR.103.CN

DATE OF RECORDING JUNE.1983
DATE OF PROCESSING (MERLINI) 1983
DATE OF PROCESSING (W.R.G.) JUNE.1984

RECORDING DATA

BOAT

SHIP BY	SEISMIC PROFILERS
VESSEL	NINA
PRIMARY NAVIGATION SYSTEM	TRISPONDER
SECONDARY NAVIGATION SYSTEM	DECTRA
MAP SECTION LOCATION	SOURCE POSITION

SOURCE

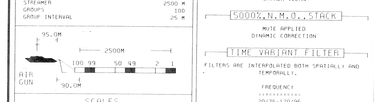
WIDE MINGUN	
SHOT DEPTH	7.5M
POPS PER KM	40
SP INTERVAL	25M

INSTRUMENTS

MAKE-MODEL	E.I./ DFS-V
REC. FILTERS HZ	LO 3.5HZ-18 DB/OCT
REC. FILTERS HZ	HI 12HHZ-72 DB/OCT
RECORD LENGTH	6 SECS
FORMAT	SEG-B/1600 BPI
SAMPLE RATE	2 MS

CABLE

STREAMER	2500 M
GROUPS	100
GROUP INTERVAL	25 M



SCALES

HORIZONTAL... 80MM/KM
VERTICAL.... 20 CM/SEC

LEGEND

▼ W.D. INTERSECTIONS WATER DEPTH

O.C. FOR W.G.C.

PROCESSING SEQUENCE

PROCESSING SAMPLE RATE 2 MS

DEMULTIPLEX

SIGNATURE EXTRACTION

FROM DEEP WATER BOTTOM REFLECTION

INSTR. & HYDROPH. CORRECTION

DESIRED OUTPUT: SPIKE

DECONVOLUTION BEFORE STACK

GEOMETRIC SPREADING APPLIED	
DECON TYPE	MIN PHASE INVERSE FILTER
WINDOW LENGTH	2 X 2000 MS
OPERATOR LENGTH	200 MS
MIN PREDICTION DISTANCE	2 MS
PERCENT WHITE SIGHT	1 PENT
TRACE BALANCE ON OUTPUT	

VELOCITY ANALYSIS

GATHER VELAN

5000%.N.M.O., STACK

MUTE APPLIED
DYNAMIC CORRECTION

TIME VARIANT FILTER

FILTERS ARE INTERPOLATED BOTH SPATIALLY AND TEMPORALLY.

FREQUENCY
20/36-120/96
12/24-80/72

MIGRATION

TIME VARIANT FILTER

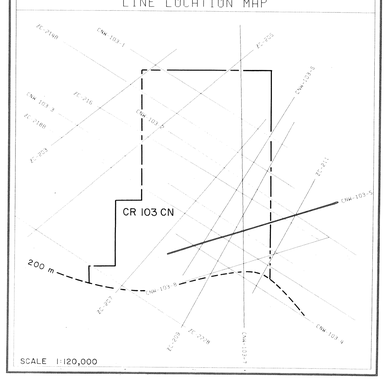
FILTERS ARE INTERPOLATED BOTH SPATIALLY AND TEMPORALLY.

FREQUENCY
20/36-120/96
12/24-80/72
10/24-50/72

COMMENTS

DATUM PLANE IS SEA LEVEL
A GUN AND CABLE DEPTH CORRECTION OF 13 MS HAS BEEN APPLIED
COMPRESSION PULSES SHOW AS NEGATIVE NUMBERS ON TAPE AND PLOT AS TROUGHS (WHITE)

LINE LOCATION MAP



SCALE 1:120,000