

A 4745

LINE: B95-162

SP 101 TO SP 464

SOUTHEAST

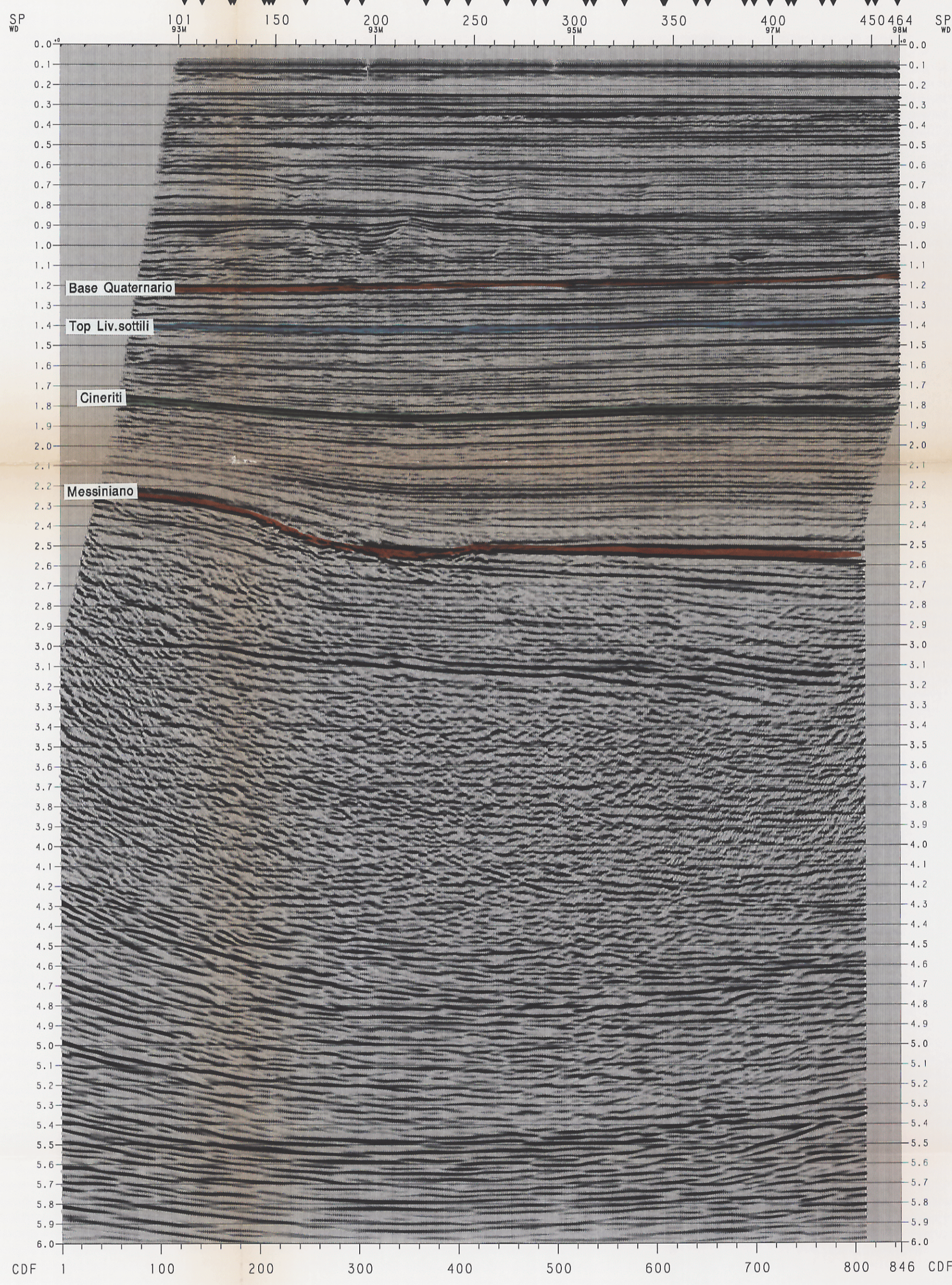
6000% ZERO PHASE TIME MIGRATION



2

LINE: B95-162  
SP 101 TO SP 464  
6000% ZERO PHASE TIME MIGRATION

SP	TIME	SP	TIME	SP	TIME	SP	TIME	SP	TIME
101	0.02	102	0.02	103	0.02	104	0.02	105	0.02
101	0.03	102	0.03	103	0.03	104	0.03	105	0.03
101	0.04	102	0.04	103	0.04	104	0.04	105	0.04
101	0.05	102	0.05	103	0.05	104	0.05	105	0.05
101	0.06	102	0.06	103	0.06	104	0.06	105	0.06
101	0.07	102	0.07	103	0.07	104	0.07	105	0.07
101	0.08	102	0.08	103	0.08	104	0.08	105	0.08
101	0.09	102	0.09	103	0.09	104	0.09	105	0.09
101	0.10	102	0.10	103	0.10	104	0.10	105	0.10
101	0.11	102	0.11	103	0.11	104	0.11	105	0.11
101	0.12	102	0.12	103	0.12	104	0.12	105	0.12
101	0.13	102	0.13	103	0.13	104	0.13	105	0.13
101	0.14	102	0.14	103	0.14	104	0.14	105	0.14
101	0.15	102	0.15	103	0.15	104	0.15	105	0.15
101	0.16	102	0.16	103	0.16	104	0.16	105	0.16
101	0.17	102	0.17	103	0.17	104	0.17	105	0.17
101	0.18	102	0.18	103	0.18	104	0.18	105	0.18
101	0.19	102	0.19	103	0.19	104	0.19	105	0.19
101	0.20	102	0.20	103	0.20	104	0.20	105	0.20



**AREA:**  
ADRIATIC ZONE B  
BLOCK BR.248AG

<p><b>RECORDING DATA</b></p> <p>RAW WESTERN PRIDE PRIMARY NAVIGATION BY: DOPS SARASIA WATSON MACHINE SECONDARY NAVIGATION BY: DOPS SARASIA WATSON MACHINE</p> <p><b>ENERGY SOURCE</b></p> <p>BLEED AIRGUN GUN DEPTH: 2000 FT PRESSURE: 2000 PSI S.P. INTERVAL: 2000 FT POPS PER KILOGRAM: 10</p> <p><b>INSTRUMENTS</b></p> <p>FIELD RECORDER: L.C. 402 (H2, 0.8V/CT) 1 H.C. 180222 RECORD LENGTH: 8 SECS SAMPLE INTERVAL: 2 MS PULSE: 1000 V GUN DELAY: 0 MS</p> <p><b>CABLE</b></p> <p>3000M TITAN OPTO 480 OPTICAL NO. OF GROUPS: 120 GROUP INTERVAL: 25 M CABLE DEPTH: 8 M</p> <p>115 M 125 M 2975 M</p> <p>ENERGY SOURCE: AIRGUN</p>	<p><b>PROCESSING SEQUENCE</b></p> <p>PROCESSING SAMPLE INTERVAL: 4 MS PROCESSING RECORD: 6000 MS</p> <p><b>REFORMAT</b></p> <p>CONVERT SEC-D TO W.G.C. CODE 4</p> <p><b>RESAMPLE</b></p> <p>RESAMPLE FROM 2 MS TO 4 MS ANTI-ALIAS FILTER APPLIED</p> <p><b>SIGNATURE DECONVOLUTION</b></p> <p>DESIRE OUTPUT: MINIMUM PHASE EQUIVALENT</p> <p><b>PREPROCESSOR</b></p> <p>1.01 20 GEOMETRY FOR 120 CHANNELS 1.02 GEOMETRIC SPREADING DATA APPLIED USING REGIONAL VELOCITY FUNCTION + 2.00 SEC/RAMP 1.03 EXPERIMENTAL GAIN RECOVERY APPLIED FROM 0 TO 6 SECONDS</p> <p><b>LOW CUT FILTER</b></p> <p>R/24 HZ/0.001 LOW CUT FILTER</p> <p><b>DECONVOLUTION</b></p> <p>MINIMUM PHASE INVERSE FILTER NUMBER OF WINDOWS: 2 MINIMUM PREDICTIVE LAG: 20 MS LIMIT OF ACTIVE OPERATOR: 200 MS DESIGN WINDOW 1: NEAR OFFSET 400 - 3000 MS FAR OFFSET 2000 - 3000 MS DESIGN WINDOW 2: NEAR OFFSET 2500 - 3000 MS FAR OFFSET 2500 - 3000 MS TRACE BALANCE TO 200 MS</p> <p><b>SOFT TO CMP</b></p> <p><b>VELOCITY ANALYSIS</b></p> <p>EXPANDED VELAMP VELOCITY ANALYSIS AT 2 M INTERVALS</p> <p><b>NMO CORRECTION</b></p> <p>NMO CORRECT CMP DATA USING SCALED CMP AND VELOCITIES SIDE OF NMO FUNCTION FROM 0 TO 4000 MS SIDE OF NMO FUNCTION FROM 6000 MS</p> <p><b>MULTIPLE ATTENUATION (MAP)</b></p> <p>REJECT POSITIVE AND ZERO DIPS FILTER OVER TIME 1.000 MS BLEND ZONE 100 MS</p> <p><b>INVERSE NMO CORRECTION</b></p> <p>INVERSE NMO CORRECT CMP DATA USING SCALED CMP AND VELOCITIES SIDE OF NMO FUNCTION FROM 0 TO 4000 MS SIDE OF NMO FUNCTION FROM 6000 MS</p> <p><b>STIP MOVING</b></p> <p>PERFORMED USING THE KIRCHHOFF APPROACH AND APPLIED TO 40 OFFSETS MAXIMUM TRACE APERTURE USING 1000 MS TRACE APERTURE OPTION DIP CORRECTION AND VELOCITIES FROM NMO AND INVERSE NMO</p> <p><b>SOFT TO CMP</b></p> <p><b>VELOCITY ANALYSIS</b></p> <p>EXPANDED VELAMP VELOCITY ANALYSIS AT 2 M INTERVALS</p> <p><b>6000% W.G.C. STACK</b></p> <p>NO POLY STACK CMP SPACING: 12.5 M INNER TRACE NOTE: 200 OFFSET (M) TRACE (SECS) 100 1.000 200 2.000 300 3.000 400 4.000 500 5.000 600 6.000 700 7.000 800 8.000 900 9.000 1000 10.000</p> <p><b>PRE-MIGRATION CONDITIONING</b></p> <p>SCALE DOWN EDGES AND BASE OF STACK</p> <p><b>STRETCH TIME MIGRATION</b></p> <p>15 MSTRACK 0.5 LIGHT 80% OF THE MINIMUM VELOCITY FUNCTION USED FOR STRETCHING, DERIVED FROM THE 1000 2 M AND VELOCITY FIELD SMOOTHED OVER 1 CABLE LENGTH</p> <p><b>FINITE DIFFERENCE TIME MIGRATION</b></p> <p>15 MSTRACK 0.5 LIGHT REGIONAL VELOCITY FIELD DERIVED FROM THE MINIMUM FUNCTION AND THE 1000 2 M AND VELOCITY FIELD SMOOTHED OVER 1 CABLE LENGTH</p> <p><b>RANDOM NOISE ATTENUATION</b></p> <p>WINDOW LENGTH: 500 MS WINDOW WIDTH: 50 TRACES OPERATOR</p> <p><b>LINE VARIATION FILTER</b></p> <p>TIME (SECS) L.C. (H2, 0.8V/CT) H.C. 0.0000 0 / 18 20 / 22 0.0004 0 / 18 20 / 22 0.0008 0 / 18 20 / 22 0.0012 0 / 18 20 / 22 0.0016 0 / 18 20 / 22 0.0020 0 / 18 20 / 22 0.0024 0 / 18 20 / 22 0.0028 0 / 18 20 / 22 0.0032 0 / 18 20 / 22 0.0036 0 / 18 20 / 22 0.0040 0 / 18 20 / 22 0.0044 0 / 18 20 / 22 0.0048 0 / 18 20 / 22 0.0052 0 / 18 20 / 22 0.0056 0 / 18 20 / 22 0.0060 0 / 18 20 / 22 0.0064 0 / 18 20 / 22 0.0068 0 / 18 20 / 22 0.0072 0 / 18 20 / 22 0.0076 0 / 18 20 / 22 0.0080 0 / 18 20 / 22 0.0084 0 / 18 20 / 22 0.0088 0 / 18 20 / 22 0.0092 0 / 18 20 / 22 0.0096 0 / 18 20 / 22 0.0100 0 / 18 20 / 22</p> <p><b>ZERO PHASE CONVERSION</b></p> <p>STATISTICAL ZERO PHASING OPERATOR</p> <p><b>AMPLITUDE SCALING</b></p> <p>500 MS INSTANTANEOUS AVG GAIN</p>
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**COMMENTS**

DATA DISPLAYED ON A LOGSHEET PLOTTER AT  
GAIN: 0.00 1.00 2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00

DATUM PLANE IS SEA LEVEL.  
A SONAR AND CABLE CORRECTION OF 8 MS HAS  
BEEN APPLIED. THE RECORD TRACK  
COMPRESSION PULSES RECORD AS NEGATIVE NUMBERS  
ON THE TRACK AND PLOT AS THROUGH-WHISTLES  
ON PLATINUM.

W.G.C. INPUT DATASET: FINISH

