LINE: PZ-612-88
STA 119 TO STA 737
CMP 2236 TO CMP 1000
NORTHWEST
DMO STACK
COMMON OFFSET ANA

RECEIVER STATION ELEVATIONS (METRES) _*_ DATUM = 400 M ABOVE MEAN SEA LEVEL

RECEIVER STATICS _*_ SOURCE STATICS _*_ TWO-WAY DATUM CORRECTION

RESIDUAL RECEIVER STATICS _*_ RESIDUAL SOURCE STATICS

FIELD MULTIPLICITY

Permesso M..LA ROSSA

Permesso BARAGIANO

PZ-615-88 STA 217

PZ-595-87 STA 140

PZ-611-88 STA 269/PZ-610-88 STA 248

PZ-593-87 STA 214

PZ-554-86 CMP 2329

PZ-609-88 STA 305

UNITA' LAGONEGRESI

PLIOCENE INFERIORE

TOP PIATTAFORMA APULA

CMP 2236 2220 2200 2180 2160 2140 2120 2100 2080 2060 2040 2020 2000 1980 1960 1940 1920 1900 1880 1860 1840 1820 1800 1780 1760 1740 1720 1700 1680 1660 1640 1620 1600 1580 1560 1540 1520 1500 1480 1460 1440 1420 1400 1380 1360 1340 1320 1300 1280 1260 1240 1220 1200 1180 1160 1140 1120 1100 1080 1060 1040 1020 1000

STA 119 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 737

DATUM STATIC -0.7 -0.6 -0.5 -0.4 -0.3 -0.2 -0.1 0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9 4.0 4.1 4.2 4.3 4.4 4.5 4.6 4.7 4.8 4.9 5.0 5.1 5.2 5.3 5.4 5.5 5.6 5.7 5.8 5.9 6.0 6.1 6.2 6.3 6.4 6.5 6.6 6.7 6.8 6.9 7.0

CMP 2236 2220 2200 2180 2160 2140 2120 2100 2080 2060 2040 2020 2000 1980 1960 1940 1920 1900 1880 1860 1840 1820 1800 1780 1760 1740 1720 1700 1680 1660 1640 1620 1600 1580 1560 1540 1520 1500 1480 1460 1440 1420 1400 1380 1360 1340 1320 1300 1280 1260 1240 1220 1200 1180 1160 1140 1120 1100 1080 1060 1040 1020 1000

PZ-615-88 STA 217 PZ-595-87 STA 140 PZ-611-88 STA 269/PZ-610-88 STA 248 PZ-593-87 STA 214 PZ-554-86 CMP 2329 PZ-609-88 STA 305

ALL. 2

EDISON GAS

AREA: ITALY ONSHORE
MONTE LA ROSSA

WESTERN GEOPHYSICAL

W.G.C. CONTRACT DSA
PROCESSED IN LOC JANUARY 1988
PROCESSED BY GROUP LSG

RECORDING DATA

ACQUISITION
SHOT BY: SEISMIC 3 DATES: FROM 6-11-
DATE SHOT: AUGUST-SEPTEMBER 1988

RECORDING PARAMETERS
RECORDER TYPE: SERCEL SN-368
RECORD LENGTH: 4 SEC
SAMPLING INTERVAL: 4 MSEC
FILTERS: 18- 8 HZ, 90 DB/OCT
NOTCH: OUT
TAPE FORMAT: SEGD
POLARITY: UPWARD GROUND MOVEMENT IS A NEGATIVE NUMBER ON TAPE

SOURCE
ENERGY SOURCE: DYNAMITE
NUMBER OF PT: 1
AVERAGE CHARGE SIZE: 10-15 KG
AVERAGE SHOT DEPTH: 23-30 M
NOMINAL SHOT INTERVAL: 50 M

RECEIVERS
GEOPHONE TYPE: SERCEL SG-10 10 HZ
NUMBER PER GROUP: 24
GROUP INTERVAL: 25 M
ARRAY LENGTH: 575 M
ARRAY SHAPE: 18 M
NUMBER OF GROUPS: 144
GROUP INTERVAL: 25 M

SPREAD DIAGRAM
-2349 -2124 -1899 -1674 -1449 -1224 -999 -774 -549 -324 -99 0 99 324 549 774 999 1224 1449 1674 1899 2124 2349
72 72 144

PROCESSING SEQUENCE

REFORMAT
RESAMPLE 1000 MS VERY HIGH-TO-FLAT-PASS 7-415 WIDE-TRACE, 1 MSEC SAMPLES
FILTER: OUTPUT ON 9SC CODE4 FORMAT
DISPLAY ALL RECORDS

REFRACTION
ASSIGN GEOMETRY AND TRACE EDIT
GEOMETRY REFERENCE VELOCITY: 3000 M/S
DATUM CORRECTION:

NMO
PRELIMINARY MOVEOUT CORRECTION
INTERMEDIATE DATUM: 500-MSEC WINDOWS; MAX = 2000

FK DIP FILTER
APPLIED TO SHOT DOMAIN, TWO APPLIED PASS 7-415 WIDE-TRACE, 1 MSEC SAMPLES

DECONVOLUTION
TRACE BY TRACE DECONVOLUTION
TWO GOOD, 2 CORRELATION WINDOWS
FIRST TIME GATE: 500 MSEC; LAST TIME GATE: 2500 MSEC; PREDICTION DISTANCE: 12 MSEC
OPERATOR LENGTH: 200 MSEC
WHITE NOISE: 1 %
APPLICATION STOP TIME = END OF DATA
DESIGN WINDOWS SAME AS APPLICATION
ENHANCED WINDOWS GATE TO MAX 2000

VELOCITY ANALYSIS
EXPANDED VELANAL
AT 2-KM INTERVALS WITH PRE-STACK T/X SUPERGATHERS DISPLAYED AS SELECTION 21 CDP'S PER VELOCITY FUNCTION STACK

RESIDUAL STATICS
WINDOW AND MAXIMUM SHIFT FOLLOW DATA

VELOCITY ANALYSIS
EXPANDED VELANAL
LOCATED AT 1-KILOMETRE INTERVALS 25 CDP'S SUMMED PER VELOCITY FUNCTION STACK

RESIDUAL STATICS
AS 1ST

COMMON OFFSET DMO
LINEAR PREDICTIVE ATTENUATION OF RANDOM NOISE (1/3 SECOND/11-ON) OPERATOR WIDTH: 41 TRACES
WINDOW: 400 MSEC BY 42 TRACES

ZERO-PHASE CONVERSION
OPERATORS DETERMINED STATISTICALLY

TIME-VARIANT FILTER
TIME LOW-CUT SLOPE HIGH-CUT SLOPE
MSEC HERTZ DB/OCT HERTZ DB/OCT
0 8 18 50 72
1000 10 18 50 72
2000 10 18 50 72
3000 8 18 50 72
4000 8 18 50 72
5000 8 18 50 72

GAIN
AGC: RMS=2000
GATES (MSEC): FIRST=200; LATER=800

PLAYBACK
GEOTAPE ONLINE LASER PLOTTER
SCALE: 1" = 1 SEC
GAIN: 11 DB
POLARITY: NORMAL (NEGATIVE NUMBERS PLOT AS WHITE TROUGHS TO THE LEFT)

AREA MAP

HORIZONTAL SCALES 1:25,000
VERTICAL 1 SECOND

LEGEND

VELOCITY FUNCTION

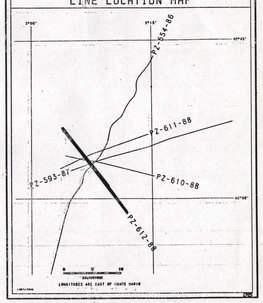
INTERSECTION BY CLOSEST APPROACH OF SEISMIC LINE TRAJECTORY, LOCATED AT STATION (STRAIGHT LINES) OR DEPTH POINT (CURVED LINES).

CMP SUBSURFACE POINT
STA FIELD STATION ABOVE CMP

DATUM PLANE = 400 METRES ABOVE MSL

G.C. FOR W.G.C.

LINE LOCATION MAP



EDISON GAS S.p.A.
Direttore Esplorazione
e Nuove Iniziative

Dis. 2151