PE-349-83

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C.D.F 17 TO C.D.F 655

1200PCT DBS-TVF

CROOKED LINE

SEZIONE IDROCARBURI
di ROMA
11 MAR. 1987
Prot. N. 02142
III-262-1

AGIP

WESTERN

RICERCHE GEOFISICHE

ITALIA-ZONA 4
PROSPECT:PIETRANICO

DATE SHOT.....JUNE,1983
DATE PROCESSED.....JULY,1983

RECORDING DATA

DATUM PLANE = 200M BSL
STATICS COMPUT. VELOCITIES 2700 M/SEC

INSTRUMENTS

CONTRACTOR: GLOBE EXPLORATION
CREW NUMBER: 1
RECORDING SYSTEM: DFS V
CREW NO: 1
RECORDING FILTERS(HZ): 18dB-24dB/OCT
NOTCH FILTERS(HZ): 18dB-24dB/OCT
SAMPLE RATE: 50MS
SWEEP LENGTH: 7 SEC
RECORD LENGTH: 7 SEC

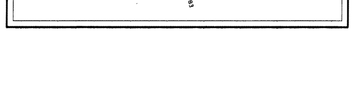
SOURCE

ENERGY SOURCE: EXPLOSIVE
SOURCE PATTERN: SINGLE HOLE
AVERAGE CHARGE PER SHOT: 18KG
AVERAGE SHOT DEPTH: 20/30 M

UPWARD GROUND MOTION=NEGATIVE NUMBER ON TAPE

SPREAD CONFIGURATION

NUMBER OF GROUPS: 96
GROUP INTERVAL: 12.5
SUBSURFACE COVERAGE: 1200 PCT



RESEARCHER RANGE

GEOPHONE TYPE: SERCEL SM-4B
GEOPHONE HZ: 16 HZ
GEOPHONE PATTERN: 18+60

X = 3.5M Y = 56.5M

LEGEND
V VELOCITY ANALYSIS
INTERPRETATIONS
ANALYST DATE

PROCESSING SEQUENCE

DEMULTIPLEX

SUBSAMPLE TO 1MS SAMPLE RATE
PROCESSED LENGTH 7 SEC

NOTCH FILTER

PREPROCESSOR-D.B.S.

A) CDP/CMP DEPTH POINTS DATUM
B) APPLY STATIC CORRECTIONS
C) BAT LOW-CUT PREFILTER APPLIED
D) DECONVOLUTION
TYPE: MIN. PHASE INVERSE FILTER
NUMBER OF WINDOWS USED: 1 CDP AUTOCORR.= 1 USED
LENGTH OF OPERATOR: 1200
LENGTH OF FILTER OPERATION=WINDOWS: MILLI-PCT
E) TRACE BALANCE ON OUTPUT
F) PREPROCESSOR-DBS REEL NO. 103909

CARROLL PROFILE EDIT

A) AUTOMATIC D/P PROFILE SMOOTHED OVER 40 CDP
B) OUTPUT TRACE INTERVAL 16.66M

VELOCITY ANALYSIS

N.M.O. - 1200PCT STACK

A) STRETCH DEPENDENT MUTE
B) AUTOMATIC RESIDUAL STATICS

VELOCITY ANALYSIS

N.M.O. - 1200PCT STACK

A) STRETCH DEPENDENT MUTE
B) AUTOMATIC RESIDUAL STATICS
C) 100 PCT OUTPUT

CDP CONSISTENT RESIDUAL STATICS

RESIDUAL AMPLITUDE COMPENSATION

1200 PCT STK - REEL NO. 105184

LINE VARIANT FILTER

TIME(SEC)	L.C.	HI.CO/OCT.	L.C.
0.000	16/24		60/48
1.000	16/24		60/48
1.500	10/24		40/48
2.000	0/24		0/48

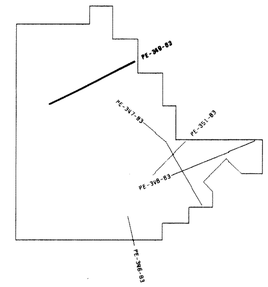
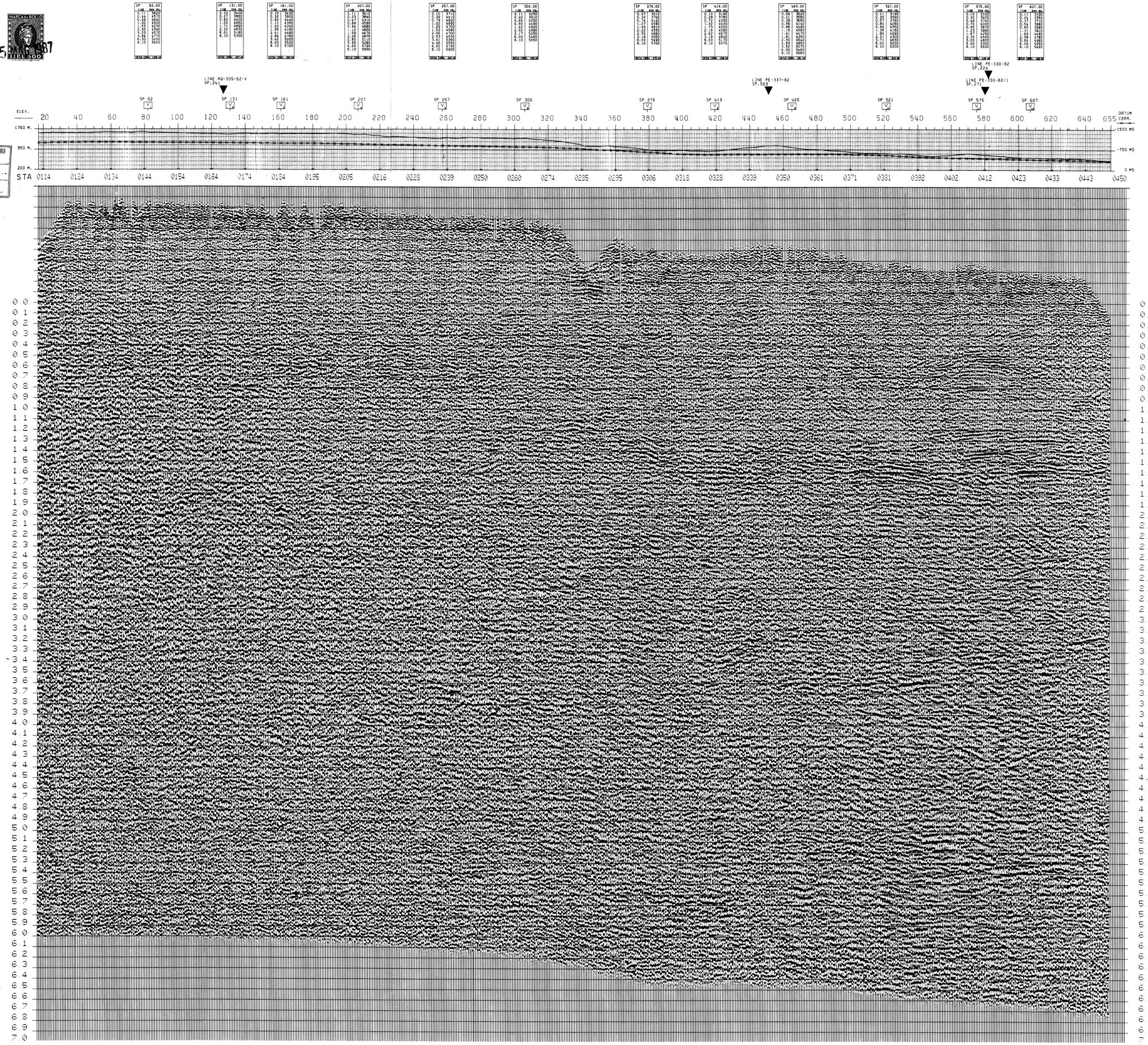
FILTERS ARE INTERPOLATED IN TIME AND SPACE. TIMES ARE SPECIFIED AT START OF LINE.

RMS GAIN

PLAYBACK

HORIZONTAL SCALE 6.27M/CM 12.54TR/CM 6.27M/CM
VERTICAL SCALE 100MS/SEC 50MM/SEC 200MS/SEC
PLOT DIRECTION = L-R
NEGATIVE NUMBERS = WHITE TROUGHS

LINE LOCATION MAP

PROSPECT:PIETRANICO

SCALE 1:200.000