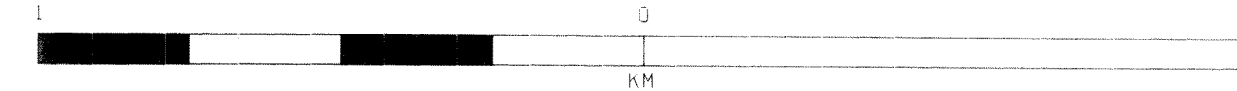


PZ-483-82

1200 PCT DBS-TVF



Agip S.p.A. GERM ALLEGATO 4 DATA LUGLIO 84 DIS. n° 460/7E

WESTERN RICERCHE GEOFISICHE

ITALIA-ZONA 4 PROSPECT RIPACANDIDA DATE SHOT FEBRUARI, 1983 DATE PROCESSED MARCH, 1983

RECORDING DATA

DATUM PLANE = SEA LEVEL
STATICS COMPUT. VELOCITY 2000 M/SEC
INSTRUMENTS
CONTRACTOR O.G.S. TRIESTE
PARTY NUMBER TD-199
RECORDING SYSTEM GUS-BUS
RECORDING FILTERS 10HZ-2408/OCT
ANTI_ALIAS FILTERS 160 HZ
NOTCH FILTER OUT
SAMPLE RATE 2 MS
RECORD LENGTH 7 SEC

SOURCE
ENERGY SOURCE EXPLOSIVES
SHOT HOLES/S.P. 1
AVERAGE CHARGE PER SHOT 8 KG
AVERAGE SHOT DEPTH 34 M
UPWARD GROUND MOTION=NEGATIVE NUMBER ON TAPE

SPREAD CONFIGURATION
NUMBER OF GROUPS 96
GROUP INTERVAL 30 M
SUBSURFACE COVERAGE 1200 PCT
1 72 73 96
- 15M - 15M -
- 2145M - 705M -
CENTRE OF SOURCE ARRAY SOUTH-EAST
DIRECTION OF LINE

SEISMOMETER ARRAY
GEOPHONE PER GROUP 24
GEOPHONE TYPE SM 4
GEOPHONE FREQUENCY 10 HZ
X = 90M Y = 5.0M Z = 2.5M

LEGEND
VELOCITY ANALYSIS
INTERSECTIONS
ANALYST DATE

PROCESSING SEQUENCE

DEMULTIPLEX
SUBSAMPLE TO 4MS SAMPLE RATE PROCESSED LENGTH 7 SEC
NOTCH FILTER
PREPROCESSOR-D.B.S.
A) COMMON DEPTH FAMILY GATHER
B) GEOMETRIC SPREADING GAIN APPLIED
C) 6HZ LO-CUT PREFILTER APPLIED
D) DECONVOLUTION
TYPE MIN. PHASE INVERSE FILTER
NUMBER OF WINDOWS=3 STOP AUTOCORR.= 6500
MINIMUM PREDICTIVE LAG 12MS
LENGTH OF FILTER OPERATOR=140MS W.L.=1PCT
E) TRACE BALANCE ON OUTPUT
F) PREPROCESSOR-DBS REEL NO. 101415

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
1200PCT STK FINAL REEL NO. 104857

TIME VARIANT FILTER
TIME (SECS) L.C. (HZ.OB/OCT) H.C.
0.600 18/24 54/48
0.900 14/24 48/48
1.500 11/24 40/48
2.600 10/18 35/36
4.500 8/18 30/36
FILTERS ARE INTERPOLATED IN TIME AND SPACE.
TIMES ARE SPECIFIED AT START OF LINE.

RMS GAIN
PLAYBACK
HORIZONTAL SCALE 8.33TA/CM 16.66TA/CM 8.33TA
VERTICAL SCALE 10CM/SEC 5CM/SEC 20CM/
PLOT DIRECTION = L-R
NEGATIVE NUMBERS = WHITE TROUGHS

