

North East

ARFR08H-03

MIGRATED STACK

PERMIT FROSINONE (ANAGNI)

PENTEX ITALIA

FIELD PARAMETERS

RECORDED BY G.I.I. DATE SHOT: JUNE-JULY 2008
PARTY G.I.I. ENERGY SOURCE HYDRAPULSE
INSTRUMENT AramAries, 2.622
SOURCE CHARACTER 30 POPS
NOTCH FILTER OUT GROUP INTERVAL 25 M.
FIELD FILTER 3 - 164 HZ SHOT INTERVAL 25 M.
TAPE FORMAT SEG0 NO. OF CHANNELS 120
DATA LENGTH 4 SECS SPLIT SPREAD SHOOTING
SAMPLE RATE 2 MS COVERAGE: 60 FOLD NOMINAL
TAPE Fujitsu 3490
GEOPHONE TYPE: Land Geo.GS-320T, SEG
PATTERN: 1 STRING 12 GEOPHONES CENTERED ON FLAG
NEAR OFFSET: 62.5 M. FAR OFFSET: 1587.5 M.

PROCESSING SEQUENCE

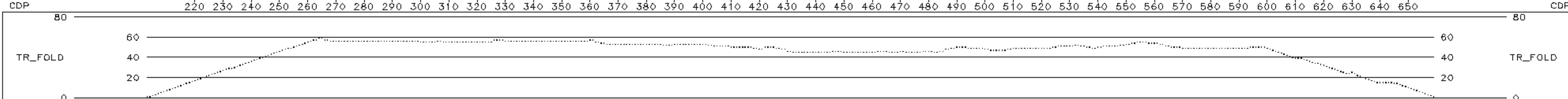
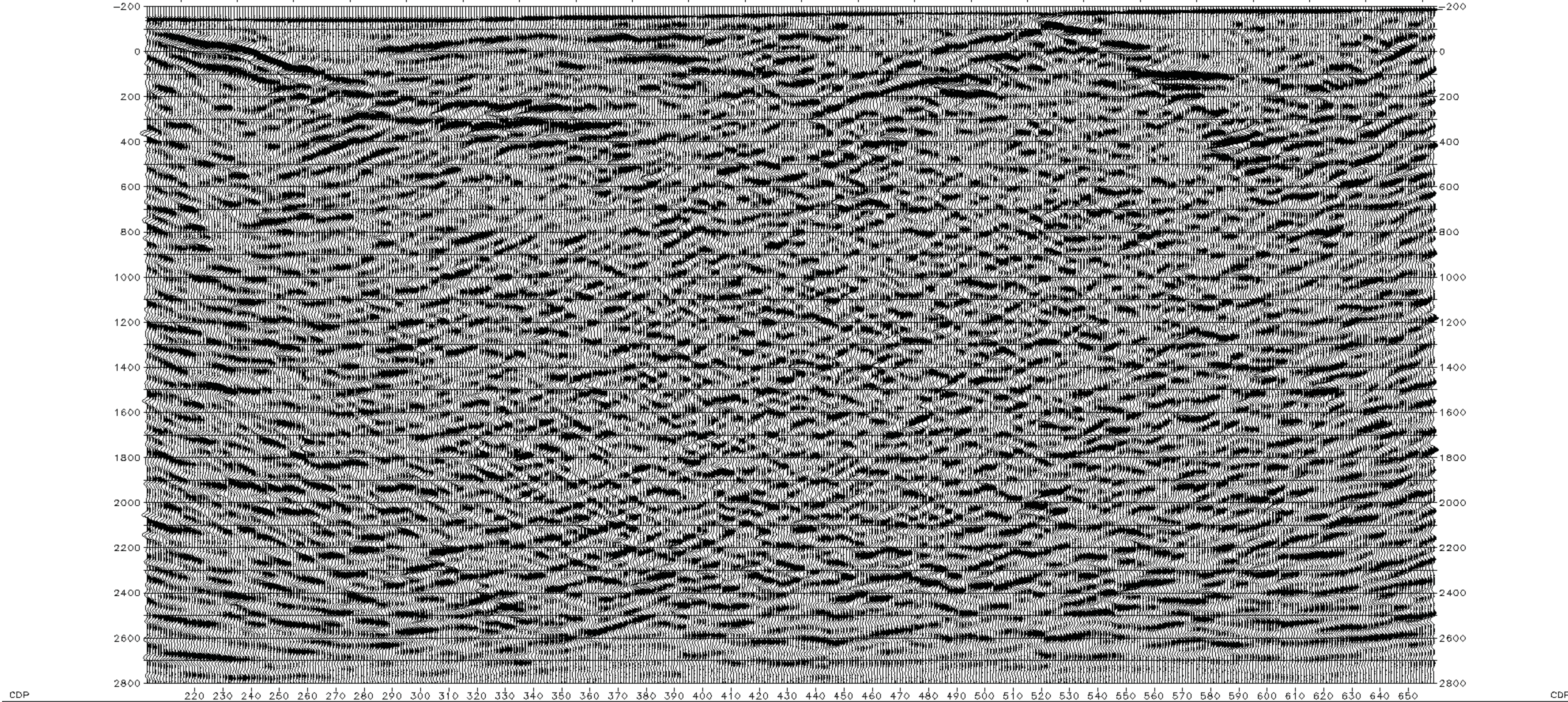
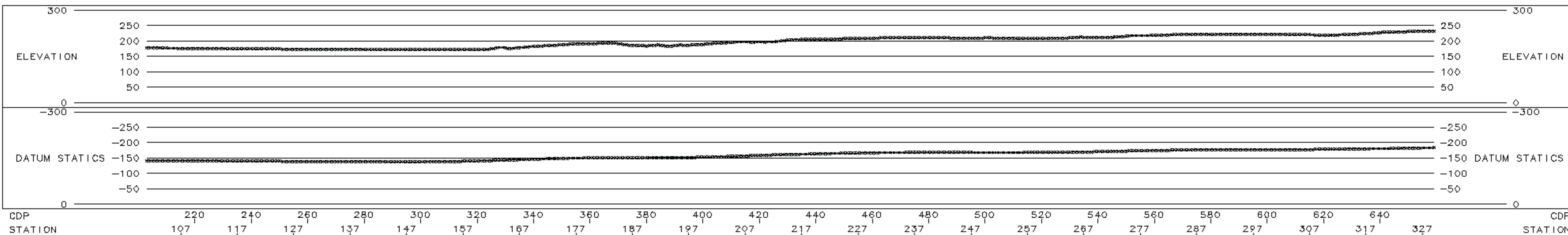
- (1) INPUT DEMULTIPLEX FROM SEG0
- (2) GEOMETRY ASSIGNMENT
TRACE AND SHOT RECORD EDITING FROM QC DISPLAYS
- (3) FIELD STATICS CORRECTIONS TO FLOATING DATUM PLANE
REPLACEMENT VELOCITY 2500 M/SEC
- (4) SURFACE WAVE NOISE ATTENUATION
- (5) BAND PASS FILTER TEST
- (6) AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE CORRECTION
- (7) DECONVOLUTION BEFORE STACK
SPIKE DECONVOLUTION
OPERRTOR LENGTH: 120 MS. GAP: 32 MS.
- (8) TRACE EQUALISATION
AGC 500 MS.
- (9) INITIAL VELOCITY ANALYSIS
VELOCITIES OBTAINED FROM CONSTANT VELOCITY STACKS
AND SEMBLANCE ANALYSIS
- (10) AUTOMATIC RESIDUAL STATICS
SURFACE CONSISTENT RESIDUAL STATICS
FROM NMO CORRECTED GATHERS 7 TRACE PILOT. 4 ITERATIONS
MAXIMUM SHIFT: 12 MS.
- (11) SECOND VELOCITY ANALYSIS
CVS PANELS, AND SEMBLANCE ANALYSIS
- (12) AUTOMATIC RESIDUAL STATICS
SURFACE CONSISTENT RESIDUAL STATICS
FROM NMO CORRECTED GATHERS 7 TRACE PILOT. 4 ITERATIONS
MAXIMUM SHIFT: 12 MS.
- (13) FINAL VELOCITY ANALYSIS
VSCAN PANELS
- (14) NORMAL MOVEOUT CORRECTION TIMES TO FLOATING DATUM
- (15) MUTE
PICKED AND NMO STRETCH
COMMON DEPTH POINT STRCK 60 FOLD NOMINAL
- (17) POST STACKTIME MIGRATION
USING FINITE DIFFERENCE TECHNIQUE
- (18) COHERENCY ENHANCEMENT
USING F-X DECONVOLUTION
- (19) TIME VARIANT FILTER
TIME FREQUENCY
0.1 SECS. 10-72 HZ.
0.5 SECS. 8-60 HZ.
0.8 SECS. 8-40 HZ.
- (20) TRRCE EQUALISATION
AGC 1000 MS.
- (21) STATIC CORRECTION
FROM FLOATING DATUM TO DATUM = 0.0 M.

PROCESSED BY: AUGUST 2008
GEOPHYSICAL INSTITUTE OF ISRAEL

DISPLAY PARAMETERS

Thu Aug 28 13:49:26 2008 Static Shift = -200
Traces/Centimeters = 8 Centimeters/Second = 10
Bias Percent = 10 Clip Limit = 3
Gain Set = 0.7 RMS Amplitude = 1
Gain Constant = 700

ADVANCE ProMAX



North East

ARFR08H-03

MIGRATED STACK

PERMIT FROSINONE (ANAGNI)

PENTEX ITALIA

FIELD PARAMETERS

RECORDED BY G.I.I. DATE SHOT: JUNE-JULY 2008
PARTY G.I.I. ENERGY SOURCE HYDRAPULSE
INSTRUMENT AramAries, 2.622
SOURCE CHARACTER 30 POPS
NOTCH FILTER OUT GROUP INTERVAL 25 M.
FIELD FILTER 3 - 164 HZ SHOT INTERVAL 25 M.
TAPE FORMAT SEG0 NO. OF CHANNELS 120
DATA LENGTH 4 SECS SPLIT SPREAD SHOOTING
SAMPLE RATE 2 MS COVERAGE: 60 FOLD NOMINAL
TAPE Fujitsu 3490
GEOPHONE TYPE: Land Geo.GS-320T, SEG
PATTERN: 1 STRING 12 GEOPHONES CENTERED ON FLAG
NEAR OFFSET: 62.5 M. FAR OFFSET: 1587.5 M.

PROCESSING SEQUENCE

- (1) INPUT DEMULTIPLEX FROM SEG0
- (2) GEOMETRY ASSIGNMENT
TRACE AND SHOT RECORD EDITING FROM QC DISPLAYS
- (3) FIELD STATICS CORRECTIONS TO FLOATING DATUM PLANE
REPLACEMENT VELOCITY 2500 M/SEC
- (4) SURFACE WAVE NOISE ATTENUATION
- (5) BAND PASS FILTER TEST
- (6) AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE CORRECTION
- (7) DECONVOLUTION BEFORE STACK
SPIKE DECONVOLUTION
OPERRTOR LENGTH: 120 MS. GAP: 32 MS.
- (8) TRACE EQUALISATION
AGC 500 MS.
- (9) INITIAL VELOCITY ANALYSIS
VELOCITIES OBTAINED FROM CONSTANT VELOCITY STACKS
AND SEMBLANCE ANALYSIS
- (10) AUTOMATIC RESIDUAL STATICS
SURFACE CONSISTENT RESIDUAL STATICS
FROM NMO CORRECTED GATHERS 7 TRACE PILOT. 4 ITERATIONS
MAXIMUM SHIFT: 12 MS.
- (11) SECOND VELOCITY ANALYSIS
CVS PANELS, AND SEMBLANCE ANALYSIS
- (12) AUTOMATIC RESIDUAL STATICS
SURFACE CONSISTENT RESIDUAL STATICS
FROM NMO CORRECTED GATHERS 7 TRACE PILOT. 4 ITERATIONS
MAXIMUM SHIFT: 12 MS.
- (13) FINAL VELOCITY ANALYSIS
VSCAN PANELS
- (14) NORMAL MOVEOUT CORRECTION TIMES TO FLOATING DATUM
- (15) MUTE
PICKED AND NMO STRETCH
COMMON DEPTH POINT STRCK 60 FOLD NOMINAL
- (17) POST STACKTIME MIGRATION
USING FINITE DIFFERENCE TECHNIQUE
- (18) COHERENCY ENHANCEMENT
USING F-X DECONVOLUTION
- (19) TIME VARIANT FILTER
TIME FREQUENCY
0.1 SECS. 10-72 HZ.
0.5 SECS. 8-60 HZ.
0.8 SECS. 8-40 HZ.
- (20) TRRCE EQUALISATION
AGC 1000 MS.
- (21) STATIC CORRECTION
FROM FLOATING DATUM TO DATUM = 0.0 M.

PROCESSED BY: AUGUST 2008
GEOPHYSICAL INSTITUTE OF ISRAEL

DISPLAY PARAMETERS

Thu Aug 28 13:49:26 2008 Static Shift = -200
Traces/Centimeters = 8 Centimeters/Second = 10
Bias Percent = 10 Clip Limit = 3
Gain Set = 0.7 RMS Amplitude = 1
Gain Constant = 700

ADVANCE ProMAX