

ELF ITALY
 PROSPECT CR 94 PX
 LINE 1-86-CR94-10
 S.P.: 101 - 778

FILTERED STACK SECTION

S.E. (139)

RECORDING PARAMETERS

RECORDED BY	GEOD	DATE	JUNE 1986
JOB NO	GEOD ALPHA	JOB NO	6592
INSTRUMENT	OPIS V	GAIN CONSTANT	24 DB
LOW CUT FILTER	OPIS 1980 OCT	HIGH CUT	OPIS 2000 OCT
SAMPLE RATE	250	RECORD LENGTH	8 SECS
SHOT INTERVAL	250	FOLD	60
SOURCE	ARTIFICIAL	TOTAL VOLUME	6076 CU INCH
PRESSURE	2000 PSI	GUN DEPTH	7.50
STRENGTH TYPE	GEOD 1980	STRENGTH DEPTH	80% 1.5
NUMBER OF GROUPS	100	GROUP INTERVAL	10.50-250
HYDROPHONE GROUP	JOB 40	GROUP LENGTH	10.50-250
PRESSURE REGULATION	2000 PSI	SECONDARY WAVE	20% 100
FIELD TAP POSITION	50%	TAP LENGTH	5000 FT
RECORDING POLARITY		COMPRESSION WAVE RECORDED AS	NEGATIVE NUMBER ON TAPE

SOURCE-RECEIVER PATTERN

INTERVAL SOURCE 1 2 3 4 5 6 7 8 9 119 120

PROCESSING PARAMETERS

PROCESSED 50 FOLD COP STACK PROCESSING SAMPLE RATE 4 MS
 REFORMAT AND EDIT
 GAIN REMOVAL: EXTREME GAIN RATES: 3 DB FROM 0.0 SECS TO 0.8 SECS
 MULTIPLE WAVE AND 1/8 SEC FILTER APPLIED: CUT OFF 80 HZ 2000 OCT
 RESAMPLE FROM 250 TO 400
 HORIZONTAL TRACE SURPRESSION GROUPS: 1 TO 8 TO GIVE 25.0M GROUP INTERVAL
 CONVERSION OF MULTIPLE PHASE SAMPLES TO ZERO PHASE
 NO FOLD COP OTHER
 DECONVOLUTION BEFORE STACKS TIME-GAPPED LENGTH: 160 MS OF 430MS GAP
 NEW TRACK 2.4 3.2 SECS
 FAP TRACK 2.8 3.4 SECS
 WHOLE TRACK EQUALIZATION
 VELOCITY CORRECTIONS USING PARAMETERS FROM DISTON'S VELOCITY ANALYSIS LOCATED EVERY KILOMETRE
 TRACE CORRECTION TO 10 FOLD AFTER COMPENSATION MOVEOUT CORRECTION
 WAVEFORM NOISE REMOVAL USING DISTON'S LINE ON COMMON OFFSET SORTED DATA
 NORMAL MOVEOUT CORRECTION AND STRETCH SUPPRESSION
 10 FOLD COP STACK
 SHOT AND STRENGTH STATIC CORRECTION +10 HSEC
 OPERATIONAL DISTANCE CORRECTION
 COHERENT NOISE ATTENUATION VIA FK FILTERING
 PASSING 0.05 BETWEEN 40 AND 80 MS PER TRACE
 TIME VARIANT DIGITAL BAND PASS FILTER
 TIME SECS FREQ HZ
 0.2 1.0 10 50
 2.0 40 8 40
 4.0 6 40
 SWEEP REC
 RADIALLY ANISOTROPIC FILTERING USING DISTON'S PARAMETER
 RECORDING ORIGINAL DATA REC
 POLARITY REVERSE

DISPLAY PARAMETERS

POLARITY CONVENTION: COMPRESSION WAVE DISPLAYED AS A PEAK (BLACK)
 HORIZONTAL SCALE: 1:100000 (1:50000 PARTY CHECK) N.M.P.
 VERTICAL SCALE: 1:200 (1:100 SEC) M-SEC
 DATE: 11 JANUARY 1988 BID NUMBER: 1698
 PLOTTED ON SEISCHROME LASER 480 DPI, 50% OVERLAP

1 0.5 1.5 2
KILOMETRES

DIGITAL EXPLORATION LIMITED,
 EAST GRINSTEAD,
 SUSSEX, BN15 4HG,
 ENGLAND.

PROCESSED ON A VAX 11/780 USING DISTON'S PROPRIETARY DESIGNED SOFTWARE.

DIR EXPLORATION
 Date 11/88
 Auteur MULLER
 Dess CIPULLO
 N° Class Co4.12y193



All. 2

