DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

SOUTH CAROLINA

LINE SC-6

SHOTPOINTS 24-415

SCALED FILTERED STACK

FIELD DATA

SHOT SPACE	330 FEET
SHOT INTERVAL	110 FEET
NUMBER OF INSTRUMENTS	2
INSTRUMENT	DFS IV
RECORDING FILTER	18 DB/OCT
RECORDING GAIN	FIXED
RECORDING MEDIUM	24 CH, 1" TAPE
RECORDING FORMAT	SEG B
RECORDING TEMPERATURE	120 F
SAMPLE RATE	4 MSEC
RECORD LENGTH	6 SEC
FREQUENCIES	8
SWEEP	10-70 / 20-140 / 30-420 / 40-5000
SWEEP TAPERING	0.5 SEC
SWEEP LENGTH	7 SEC
SWEEP GROUPS	2 (1 TO 147)
NUMBER OF VIBRATORS	3

DIGITAL PROCESSING

JULY 1979

TRUE AMPLITUDE RECOVERY
ALPHA=1.4 T-5 DB/OCT-SEC

CROOKED LINE CDP GATHER

DECONVOLUTION (GAPPED)
OPERATOR LENGTH=168 MSEC
GAP LENGTH=32 MSEC

TIME VARIANT SCALING
GATE LENGTH=1500 MSEC

RESIDUAL STATICS ANALYSIS

VELOCITY ANALYSIS

NORMAL MOVEOUT
VELOCITY REFERENCE SURFACE
SEE TOP OF SECTION FOR VELOCITIES

DATUM STATIC APPLICATION
DATUM=SEALEVEL

DIGITAL FILTER
10 - 65 HZ

TIME VARIANT SCALING
1500 MSEC GATES

DISPLAY
7.5 INS/SEC
12 TRACES/IN
SCALE 1 IN=1200 FT

COMPILED BY

GEOPHYSICAL SERVICE INC.
(A SUBSIDIARY OF TEXAS INSTRUMENTS INC.)

PROCESSING CHECKED BY
BRUCE MIZE

OPEN-FILE REPORT
83-911

Plate 6 of 10

SOUTHEAST

ELEVATION

CDP FOLD

CDP

TIME IN SECONDS

TDSP 03-001 USGSSC-6

27AUG79 19 53 28

TDSP 03-002 USGSSC-6

27AUG79 19 53 38

TDSP 03-003 USGSSC-6