

PLATE III G
SOUTHEAST

TENNESSEE DEPT. OF CONSERVATION
STATE OF TENNESSEE
LINE TC-2
DEPTHPOINTS 2239 - 2996
DEPTH SECTION

FIELD DATA

FIELD PARTY: 1386
DATE: FEB 8 THROUGH FEB 25, 1977
RECEIVER ARRAY: 12 CHANNELS IN LINE, 40 FEET APART, 12 FOOT WIDE, 12 FEET HIGH
RECORDING INSTRUMENTS: 20 CHANNELS IN LINE, 8 BIT APART, 1000 SAMPLES PER SECOND, 12 BIT A/D CONVERTER
GAIN CONTROL: 1000
RECORD LENGTH: 4 SECONDS AFTER CORRELATION
SPREAD LENGTH: 2400 FEET
ENERGY SOURCE SIZE: 176 FEET, 1500 LBS, 12 IN. DIA. TYPE L-214
TIME OF DAY: 11:00 AM
WIND DIRECTION: 140 DEGREES
WIND VELOCITY: 15 MPH

DIGITAL PROCESSING
EDIT AND TRUE AMPLITUDE RECOVERY
TIME-VARIANT DECONVOLUTION
EQUALIZATION

SPHERICAL DIVERGENCE AND EXPONENTIAL
INITIAL TIME: 0.00 SEC
FINAL TIME: 0.00 SEC
FILTER LENGTH: 150 MSEC
NUMBER OF FILTERS: 1
FILTERS ARE NOT NORMALIZED

DATUM STATICS APPLICATION
CORRECTIONAL VELOCITY: 10000 FT/SEC
TYPE: 709

NORMAL MOVEOUT CORRECTIONS
CORRECTION VELOCITY FUNCTION: SLOPED

FIRST BREAK SUPPRESSION
800 MSEC AT 10000 FT

AUTOMATIC RESIDUAL STATICS
COMMON DEPTH POINT STACK

STACKING MODE: STRAIGHT
RECOVERY SCALING: 100% (TRA)
PROCESSING FOLD: 12

EQUALIZATION
DIP FILTER
TIME-VARIANT DIGITAL FILTERING

20 - 40 HZ AT 1000 MSEC
10 - 40 HZ AT 1000 MSEC
10 - 40 HZ AT 1000 MSEC
10 - 35 HZ AT 4000 MSEC

TIME-DEPTH CONVERSION
DISPLAY SPECIFICATIONS

TRACE SPACING: 18 TRACES/INCH
SCALE: ARBITRARY
TRACE BIAS: 15 PERCENT

DISPLAY GAIN	1000
TIME	1000
DEPTH	1000



GEOPHYSICAL SERVICE INC.
(A SUBSIDIARY OF TEXAS INSTRUMENTS INC.)
PROCESSING CHECKED BY: _____
DATE: 04 OCT 1977
09 54 02

