PLATE IIIE

SOUTHEAST

TENNESSEE DEPT. OF CONSERVATION

STATE OF TENNESSEE

LINE TC-2

DEPTHPOINTS 765 - 1330

DEPTH SECTION

FIELD DATA

FIELD PARTY: 7386
FIELD DATES: FEB 25 - MAR 25 1977
ENERGY SOURCE: 4 LB. 8 HANDGUN FIRED 20 - 40 FT BELOW SURFACE ON 4 FT SPACINGS
RECEIVER ARRAY: 12 GEOPHONES SPACED 4 FT APART
RECORDING INSTRUMENTS: 1 SIGNATURE 1 SIGNATURE COMPUTER
RECORDING FILTERS: 125 - 250 HZ
RECORD LENGTH: 2 SECONDS
SPREAD LENGTH: 44 FT
SPREAD LENGTH: 44 FT
SHOT POINT INTERVAL: 4 FT
ENERGY SOURCE SIZE: 4 LB. 8 HANDGUN FIRED 20 - 40 FT BELOW SURFACE
RECEIVER GROUP INTERVAL: 4 FT
SHOT POINT INTERVAL: 4 FT
SHOT POINT INTERVAL: 44 FT
RECORD FORMAT: SEG - Y

DIGITAL PROCESSING

EDIT AND TRUE AMPLITUDE RECOVERY
SPHERICAL DIVERGENCE AND EXPONENTIATION
FORMULA : A * 10 SEC
INITIAL TIME : 0.0 SEC
FINAL TIME : 8.0 SEC
TIME-VARIANT DECONVOLUTION
FILTER LENGTH : 1.5 MSEC
FILTERS ARE NOT NORMALIZED
EQUALIZATION

DATUM STATICS APPLICATION
DATUM : 1000 FT ABOVE SURFACE
CORRECTIONAL VELOCITY : 10000 FT/SEC
FIRE TYPE : 3

VELOCITY EVALUATION

NORMAL MOVEOUT CORRECTIONS
CONCENTRATION MEASURE FOR TOP MUTING
CONCENTRATION FUNCTION : 1.0
FIRST BREAK SUPPRESSION
0 MSEC AT 0 FT
800 MSEC AT 10000 FT

AUTOMATIC RESIDUAL STATICS

COMMON DEPTH POINT STACK
STACKING MODE : STANDARD
RECORDING MODE : ANALOG
PROCESSING MODE : INTERACTIVE
PROCESSING FOLD : 12

EQUALIZATION
DIP FILTER
TIME-VARIANT DIGITAL FILTERING
72 - 48 HZ AT 0 MSEC
70 - 48 HZ AT 1000 MSEC
19 - 48 HZ AT 2000 MSEC
14 - 48 HZ AT 3000 MSEC
14 - 35 HZ AT 4000 MSEC

TIME-DEPTH CONVERSION
DISPLAY SPECIFICATIONS
TRACE SPACING : 19 TRACES/INCH
DEPTH SCALE : 100 FEET/INCH
DEPTH OFFSET : NONE
TRACE BIAS : 15 PERCENT

DISPLAY GAIN

	OSC	
	NEG	POS
	1	1
	1	1
	1	1

JOBCT RELABELED 1 SEC - 15 SEC AT TENEXTC - 15 - 1 TRACES

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

TENDCTC2
03 OCT 1977
22:49:10

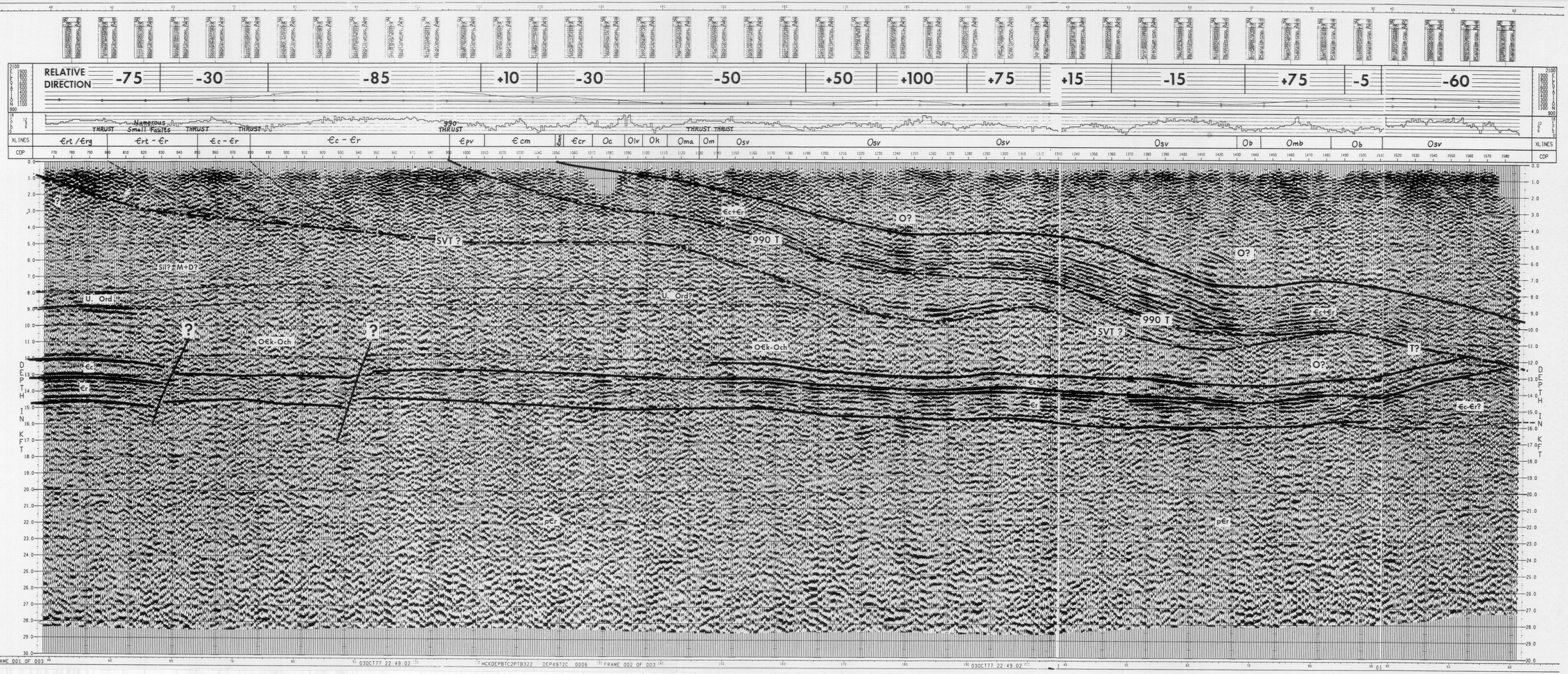
PROCESSING CHECKED BY: _____

DEPTH SECTION

LINE TC-2
DEPTHPOINTS 765 - 1330

TENNESSEE DEPT. OF CONSERVATION

STATE OF TENNESSEE



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