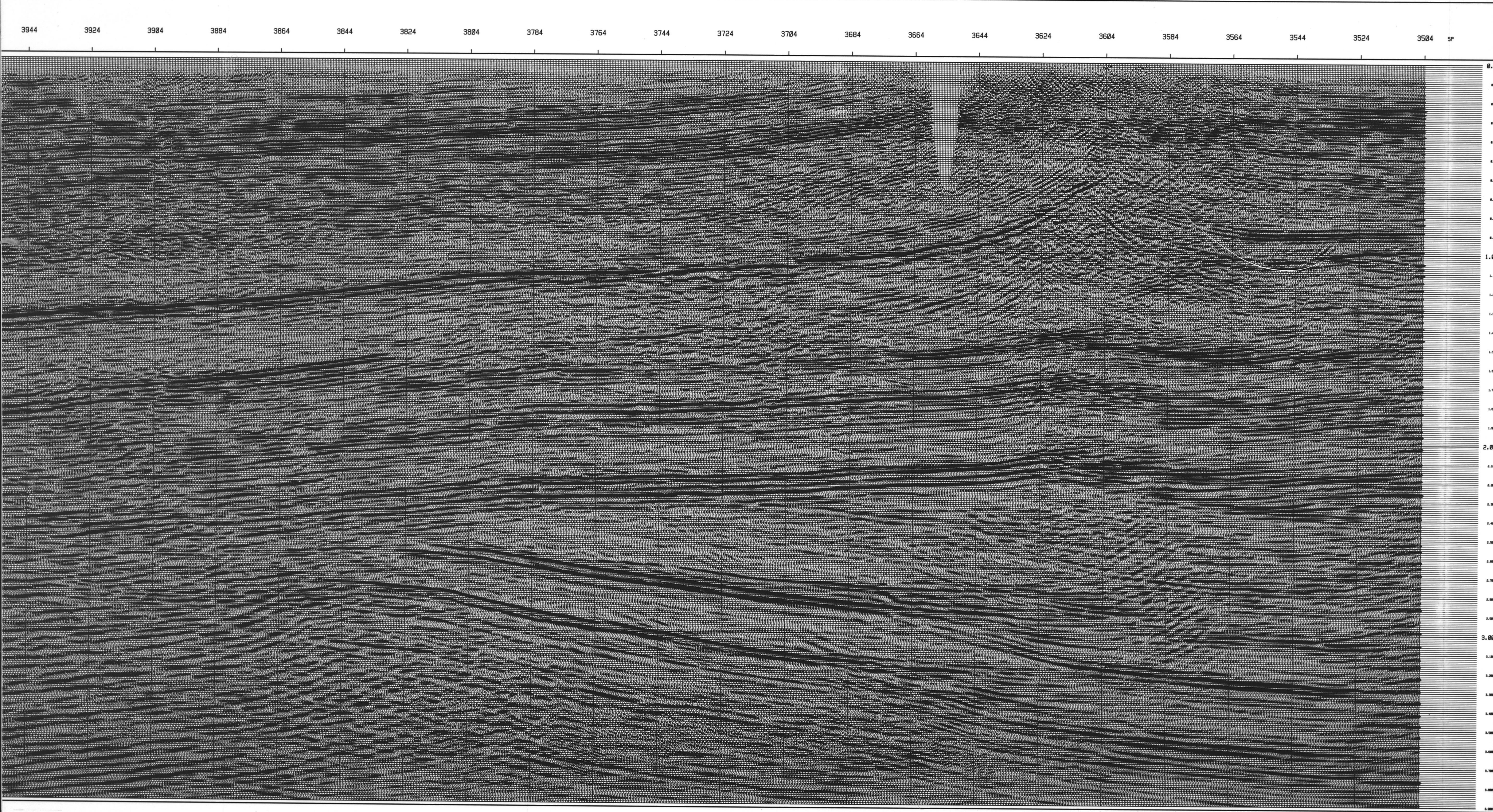




S.W. -> N.E.

AREA : KEELE ARCH
LINE : 36X
STATIONS : 3503 - 4421
LOCATION : N.W.T.

MIGRATION STACK
NORMAL POLARITY

RECORDING PARAMETERS

SHOT FOR : CHEVRON CANADA
SHOT BY : WESTERN GEOPHYSICAL
ACQUISITION DATE : MARCH, 1991
ENERGY SOURCE : DYNAPITE
SOURCE PATTERN : 1 HOLE, 13 M DEPTH, 2.0 KG

RECORDING SYSTEM : D'S V
FORMAT : SEG-B
FIELD FILTER : 8 - 100 HZ.
NOTCH FILTER : OUT
RECEIVERS : 37-4, 14 HZ.
SAMPLE RATE : 2 MS
RECORD LENGTH : 4000 MS
NO. OF CHANNELS : 120
GROUP INTERVAL : 30 M
FOLD : 50 M
FOLD INTERVAL : 2000 %

SPREAD DIAGRAM

PROCESSED BY
E. I. PROCESSING
DATE : MARCH, 1999.

PROCESSING SEQUENCE

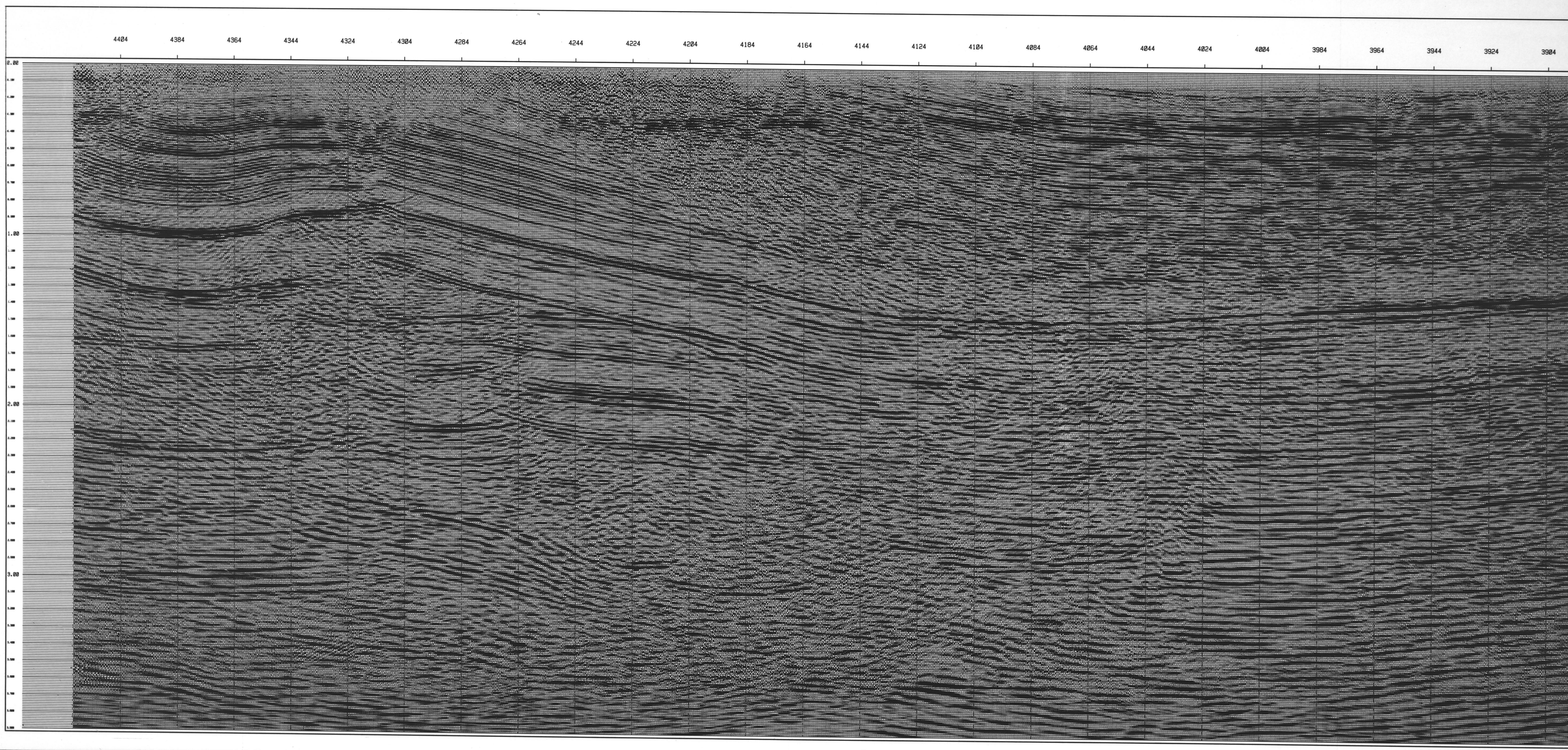
1. DEMULTIPLY
2. LINE GEOMETRY
3. EXPONENTIAL GAIN RECOVERY
4. RELATIVE AMPLITUDE SCALING
5. ELEVATION AND DATUM CORRECTIONS
TYPE : DELTA-TIME
DATUM (0.00 MS) : 365 M
ELEVATION VEL : 618 M/S
REPLACEMENT VEL : 3047 M/S
6. TRACE EDITS
7. DECONVOLUTION
TYPE : SURFACE CONSISTENT, FREQ. DOMAIN
OPERATOR LENGTH : 80 MS
PREWHITENING : .01%
DESIGN WINDOW :
NEAR OFFSET : 350 - 3500 MS AT 45 M
FAR OFFSET : 650 - 3700 MS AT 595 M
8. DECONVOLUTION
TYPE : ZERO PHASE TRACE BY TRACE
OPERATOR LENGTH : 80 MS
PREWHITENING : .01%
DESIGN WINDOW :
NEAR OFFSET : 350 - 3500 MS AT 45 M
FAR OFFSET : 650 - 3700 MS AT 595 M
9. TRACE BRIDGE
WINDOWS :
NEAR : 350 - 3500 MS AT 45 M
FAR : 650 - 3700 MS AT 595 M
10. SURFACE-CONSISTENT RESIDUAL STATISTICS
TYPE : AUTOMATIC RESIDUAL STATISTICS COMPUTATION
WINDOW : 300 - 2500 MS MAX. +/- 12 MS
11. FINAL AND CORRECTION FROM DATUM
ANALYSIS INCREMENT : 500 M
12. MUTE
DISTANCE (M) : 465 525 675 1015
TIME (MS) : 0 300 630 850
13. SPECTRAL WHITENING
FREQUENCY RANGE : 10 - 115 HZ.
14. TRIM STATISTICS
WINDOW : 300 - 2500 MS MAX. +/- 12 MS
15. COP STACK
16. AGC SCALING
WINDOW : 500 MS
17. F-X DECONVOLUTION
18. FINITE DIFFERENCE MIGRATION
TAXI STEP : 20 MS
VELOCITY : 100% STACKING
19. BANDPASS FILTER
0 - 4000 MS 12/16 - 75/95 HZ

*****NOTE 1) THE FIRST BREAKS WERE PICKED BUT WERE VERY NOISY AND INCONSISTENT OVER MANY PORTIONS OF THE LINE. REPERATIONS WERE CALCULATED AND APPLIED, BUT BUSTED THE LINE IN MANY AREAS. CONSEQUENTLY, ONLY ELEVATION AND DATUM STATIC CORRECTIONS WERE USED, LEAVING LONG WAVELENGTH STATICS IN THE DATA.

DISPLAY PARAMETERS

HORIZONTAL SCALE : 24 TRACES/INCH
VERTICAL SCALE : 5.0 INCHES/SECOND

9227-A61-2DA



4404 4384 4364 4344 4324 4304 4284 4264 4244 4224 4204 4184 4164 4144 4124 4104 4084 4064 4044 4024 4004 3984 3964 3944 3924 3904

0.00 0.10 0.20 0.30 0.40 0.50 0.60 0.70 0.80 0.90 1.00 1.10 1.20 1.30 1.40 1.50 1.60 1.70 1.80 1.90 2.00 2.10 2.20 2.30 2.40 2.50 2.60 2.70 2.80 2.90 3.00 3.10 3.20 3.30 3.40 3.50 3.60 3.70 3.80 3.90 4.00 4.10 4.20 4.30 4.40 4.50 4.60 4.70 4.80 4.90 5.00