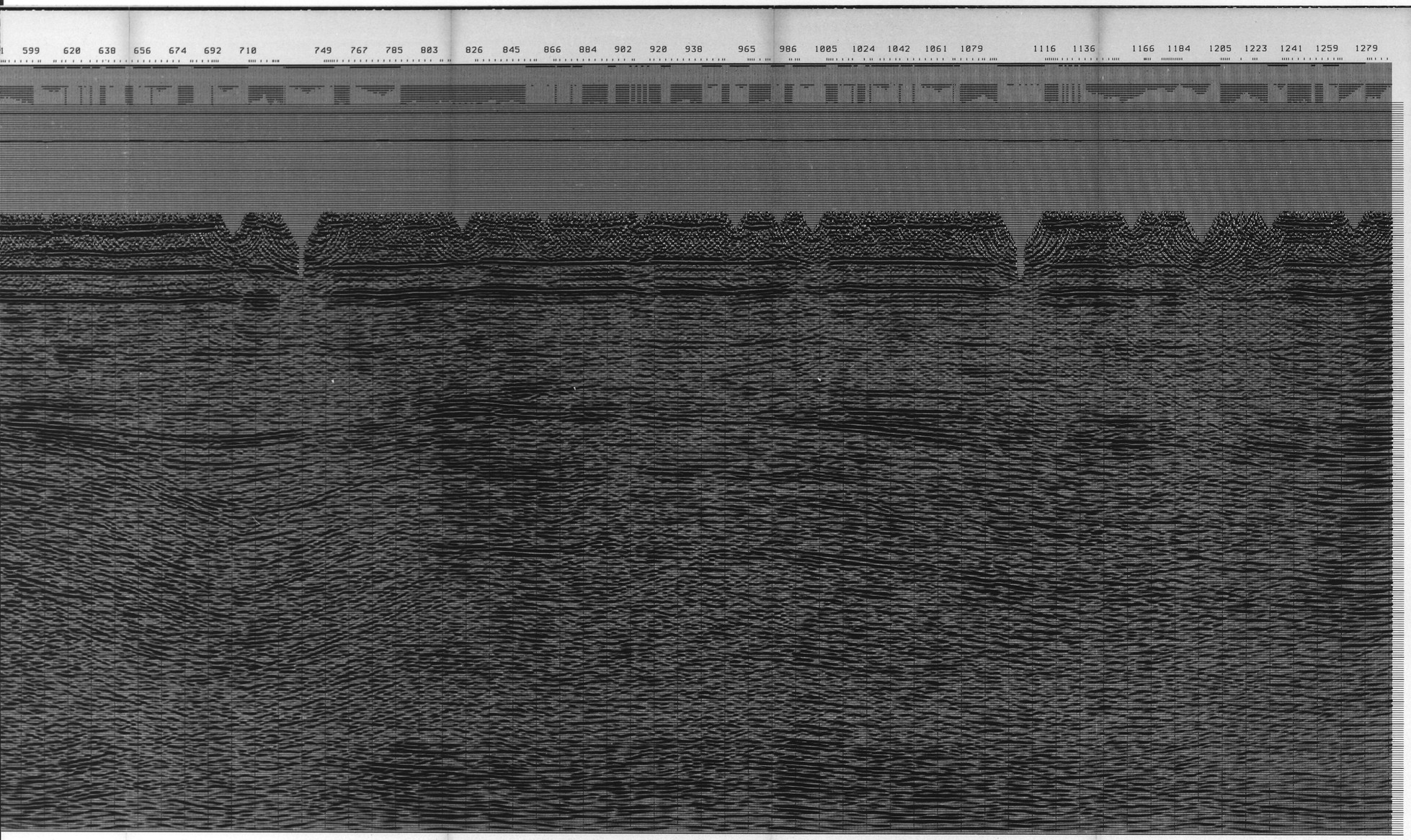

LINE 83Y 1061SW

PROSPECT FT GOOD HOPE

PROFILES 233-1292

PROVINCE N.W.T. CANADA

CHEVRON CANADA RESOURCES FRONTIER DIV.

PROCESSED BY CHEVRON GEOSCIENCES COMPANY

DIVISION OF CHEVRON INDUSTRIES INC.

HOUSTON DATA PROCESSING SYSTEM

* * * * * * * *

RECORDING PARAMETERS

```
DATE=FEB/1989   CREW=WESTERN GEO   RECD SE->NW TR/PRFILE=128  CGU=20ms
SPREAD=1218-30-SP-30-1218 M.          SP INT=68 M.   GRP INT=20 M.
DYNAMITE :                     2.0 KG/HOLE  HOLE DEPTH=5 M.
GEOPHONE TYPE=1011             NST FREQ=14 HZ  PHONES/GRP=8   2.2 M.  APART
INST=DFSV          REC LEN=4 S   SI=2 MS  FILTER=12/18-128/72 HZ
NOTCH=OUT  TAPE FMT=SEGD

EDIT3D
DESIGN SETS1=16390813
EDITOR SETS1=8838833  TIME=12.56.26  DATE=89.061
          DESIGN DATBASE(S)=  LA CREW=CR  CRSETS=7863 ms
          GROUP DATBASE(S)=
          DSV.PS08353.GEOSCN.U64038L                          UOLSEQ=
CREWH BORDATPC  89.072  11.40.17
BORDUM SETS1=1349833  TIME=12.30.26  DATE=89.072
DATA SELECTION: WIRDSW VORP VOPNF148 CHESST
  GROUPS SELECTED:          EV=128
BINDX: BINDX  WDRS VOPNF148 CHESST                            1989-03-15 12:30:02
  BINDX: 1 GROUPS
WHULET CONVOLUTION: WHUPLY WDRZ VOPNF149 CHESST               1989-03-15 12:30:03
AMPLITUDE CORRECTION: RMPCOR WABS VOPNF149 CHESST             1989-03-15 12:30:04
  AMPLITUDE CORRECTION DONE
  EXPONENTIAL GAIN CORRECTION :     6.0 DB/SEC
DECONVOLUTION: RECOM  WDRS VOPNF149 CHESST                    1989-03-15 12:30:04
  DECONVOLVED
  STABILIZATION FACTOR:  1.00 PERCENT
  NUMBER OF OPERATORS:   1
  OPERATOR LENGTH:          0.804
  OPERATOR:          30. 1218.
  RECOM DESIGN GATES: 0.150  0.800
  RECOM APPLICATION GATES: 0.150  0.800
  END APPLICATION:   END OF DATA
FILTER: FRFILT WDRS VOPNF149 CHESST                           1989-03-15 12:30:05
  LOW CUT SLOPE:   12  PHASE: ZERO
  LOW CUT SLOPE:   24
  HIGH CUT SLOPE:  36
    CMP  TYPE  LOW CUT  ATTENUATION  HIGH CUT  ATTENUATION
     0.00  NO     0.00        0.00     128.00     0.00
FIELD STATICS:   UPHDST   TIME=  12.56.27 DATE=  89.072
SORT: SORT   WORL VOPNF149 CHESST                             1989-03-15 12:30:33
  SORT DONE
STATICS APPLIED: STNT   WDRN VOPNF149 CHESST                  1989-03-15 12:30:34
  FIELD STATICS
  MULTIPLEX SCAN CORRECTION
  STATICS APPLIED
    NUMBER OF SPATIAL LOCATIONS:      2  (ONLY FIRST LOCATION SHOWN)
    SP LOCATION:          1
    STATICS VELOCITY:          6.103
SPECTRAL WHITENING: CAUFIL U164 VOPNF149 CHESST               1989-03-15 12:30:35
  NUMBER OF FILTER POINTS:   181
  FREQ. SPACING:   0.500
  FREQ. GATES:   25.0  25.0  40.0  50.0  65.0  75.0  81.0  93.0
  OPERATOR LENGTH: 0.488 0.488 0.488 0.488 0.488 0.488 0.488 0.488
  OPERATOR:  1.00  1.00
  WEIGHT:    1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.00
NORMAL MOVEOUT REMOVAL: NMOR   VDR1 VOPNF151 CHESST            1989-04-01 15:33:44
  NUMBER OF SPATIAL LOCATIONS:      8
  VELOCITY TYPE:   STACKING
  NMO REMOVED
  RESIDUAL STATICS CALCULATION: RSCHKT VUR8 VOPNF151 CHESST 1989-04-01 15:34:27
  MAXIMUM STATIC SHIFT:   0.100  SECONDS
  CORRELATION LENGTH:     0.128  SECONDS
    CELL LENGTH=   400.000
    CELL SPACING=  100.000 %
    CORRELATION MASK TIME=          0.200
    CORRELATION END TIME=           1.200
STATICS APPLIED: STNT   VDR8 VOPNF151 CHESST                  1989-04-01 15:35:38
  RESIDUAL NMO STATICS
  RESIDUAL PILOT STATICS
  RESIDUAL PILOT STATICS APPLIED: VDR1 VOPNF151 CHESST        1989-04-01 15:37:05
    NUMBER OF SPATIAL LOCATIONS:      19
    VELOCITY TYPE:   TIME-DELTAT    RT OFFSET   1218.00
    STATICS APPLIED
FIRST BREAK MUTE: MUTE   VDR8 VOPNF151 CHESST                 1989-04-01 15:37:07
  MUTE APPLY:  YES
  TIME-OFFSET:     0.000-    0.. 0.150-    418.. 0.300-    415..
                   0.000-    1218..
STACK: STACK   VWRS VOPNF151 CHESST                           1989-04-01 15:37:07
  TYPE:    MEAN STACK
FILTER: FRFILT VDR8 VOPNF151 CHESST                           1989-04-01 15:37:48
  LOW CUT SLOPE:   12  PHASE: ZERO
  LOW CUT SLOPE:   12
  HIGH CUT SLOPE:  36
    CMP  TYPE  LOW CUT  ATTENUATION  HIGH CUT  ATTENUATION
     0.00  NO     0.00       18.00     40.00    40.
BRSCHG SETS1=1349833  TIME=12.37.18  DATE=89.072
SCALE: DATA HAS BEEN SCALED TO THE MAX IN ZONE
    TIME=   0.000 TO=     1.200 MS(S)=157 SP END=LAST SP
COMPIC SETS1=1388144  TIME=12.38.56  DATE=89.072
  PLOT DESCRIPTION: CHEVRON CANADA RESOURCES  T  MIN(P)= -36 MS  TN= 48 MS  NITER=  1
    TIM=0.000 SEC TO=2.000 SEC  IN:P=  0
    THRESH=0.100
    ONE PASS ONLY  ROTATION PERFORMED
    ERROR FIELD PLOT TYPE CENTER
TMPURS SETS1=1350186  TIME=18.53.32  DATE=89.807
    SPATIAL AVG TEMPORAL WHNRING WIENER APPLIED
    WHITENING FACTOR=  1.00 PERCENT
BESKTM  PSGRATE2  89.807  11.58.08 SETS2=8888112 START=   1. STOP=   6
SCALE: DATA HAS BEEN SCALED TO THE MAX IN ZONE
    0.300 TO=     1.200 MS(S)=157 SP END=LAST SP
STNT   SETS1=8838833  TIME=12.56.27  DATE=89.072
CLEANT                TIME=12.80.33  DATE=89.807
PLOT  BR.100          18.11.37                 18385142
    FLOATING POINT DATA
  ****************************************************************
  *          CONFIDENTIAL-RESTRICTED TO SOCAL USE                *
  ****************************************************************
```

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  ****************************************************************
  *                                                              *
  *                    PERMANENT DATA SETS                       *
  *                                                              *
  *   BESKL.PS08353.GEOSCN.U64038I                               *
  *   CREWH.PS08353.CREWH.U64038I  (SETS2=8)   ( CHESS )         *
  *   CRSTAR12.PS08353.STNT.U2F928I                ( BESKTM )    *
  *                                                              *
  *                                                              *
  *   CREWH ..... KILLED BAD TRACES AND TAILSPIKES               *
  *                                                              *
  *   SUMMUT ..... MUTES SPIKES OUT OF DATA                      *
  *                                                              *
  *   WRUPLY ..... APPLIED INSTRUMENT DEPHASE FILTER             *
  *                                                              *
  *   UPDSET FIELD STATICS APPLIED ...                           *
  *                                                              *
  *        DATUM                    488 METERS                   *
  *     WEATHERING VELOCITY   788 METERS PER SECOND              *
  *     REPLACEMENT VELOCITY  3788 METERS PER SECOND             *
  *                                                              *
  *   FLOATING DATUM PUT IN ...                                  *
  *                                                              *
  *        AT  CDP =    1   DATUM SHIFT = -0.183 SECONDS         *
  *        AT  CDP = 2116   DATUM SHIFT = -0.177 SECONDS         *
  *                                                              *
  *   FLOATING REMOVED ...                                       *
  *                                                              *
  *        AT  CDP =    1   DATUM SHIFT = +0.183 SECONDS         *
  *        AT  CDP = 2116   DATUM SHIFT = +0.177 SECONDS         *
  *                                                              *
  *                                                              *
  *   RSK PREPROCESSING                                          *
  *                                                              *
  *   MUTE.....MUTE OFFSET  888.  418.  415. 1218 METERS         *
  *                                                              *
  *                   MUTE TIME   -888. .150. .388. .688 SECONDS *
  *                                                              *
  *   STATICS FILE SAVED PERMANENTLY IN                          *
  *                                                              *
  *        CALGRY.UDS.PS08353.STATICS.U64038I                    *
  *                                                              *
  *   *****        PLOT PARAMETERS          *****                *
  *                                                              *
  *        PLOT DIRECTION = RIGHT                                *
  *        PLOT AMPLITUDE = 1000 APPLIED IN PLOT                 *
  *        PLOT AMPLITUDE = 1000                                 *
  *            TRC = 7.5  TRSP = 38                              *
  ****************************************************************
```

Can. Oil Land Admin.
Energy, Mines & Resources Canada
DEC 19 1989
Resource Evaluation & Land Administration
Ottawa

Terra Surveys Ltd.
2065 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 9229-C4-8E

LINE NO. 83Y

PART NO. 1 OF 2

R.R. 10X

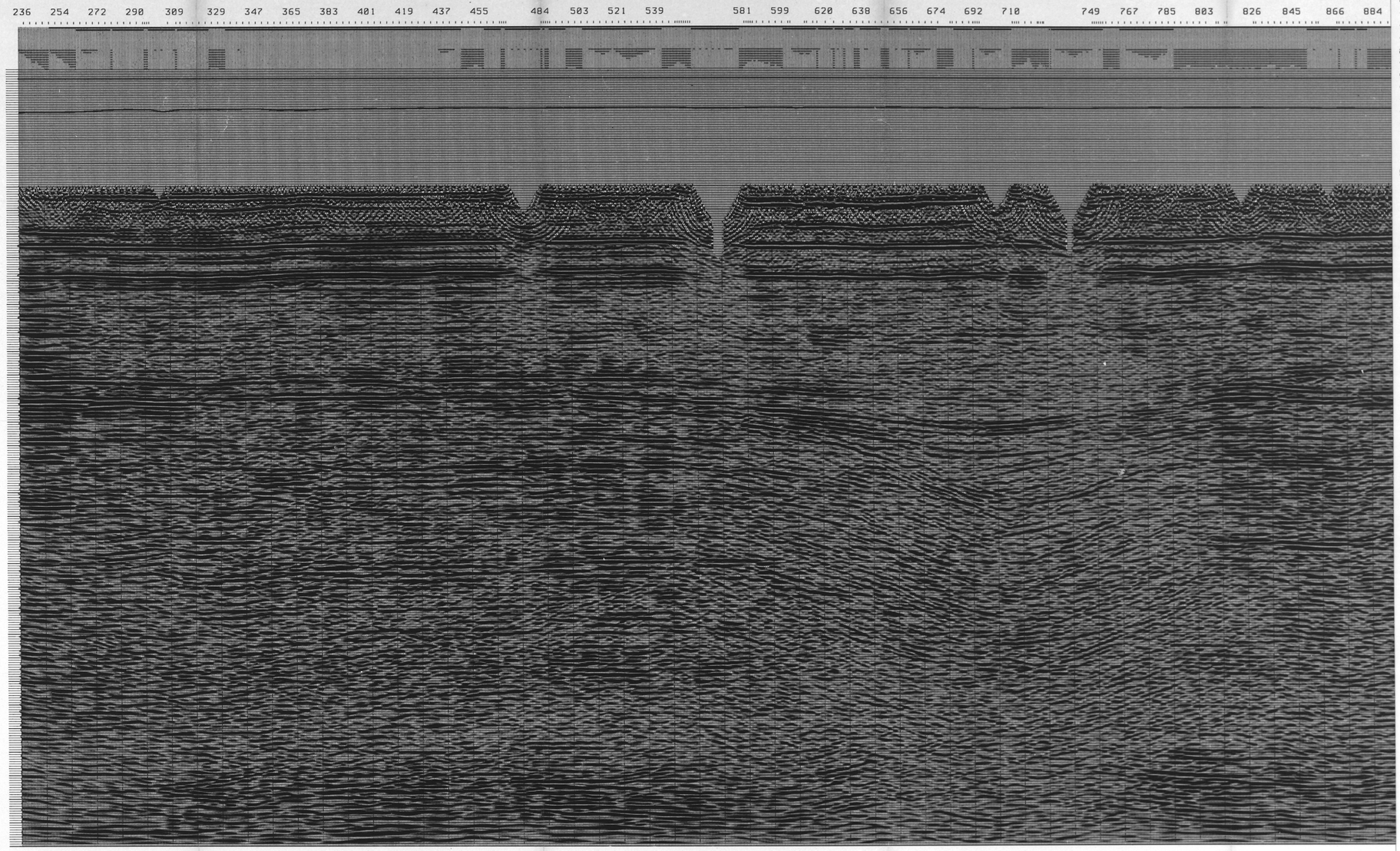
LINE 83Y 106ISW
PROSPECT FT GOOD HOPE

PROFILES 233-1292
PROVINCE N.W.T. CANADA
CHEVRON CANADA RESOURCES FRONTIER DIV.
PROCESSED BY CHEVRON GEOSCIENCES COMPANY
DIVISION OF CHEVRON INDUSTRIES INC.
HOUSTON DATA PROCESSING SYSTEM
* * * * * * *

RECORDING PARAMETERS

DATE=FEB/1989 CREW=WESTERN GEO RECD SE-JWJ TR/PRFILE=128 CDU=2888X
SPREAD=1218-38-SP-38-1218 M. SP INT=48 M. GRP INT=28 M.
DYNAMITE 1 2.0 KG/HOLE HOLE DEPTH=9 M.
GEOPHONE TYPE=1811 NAT FREQ=14 HZ PHONES/GRP=9 2.2 M. APART
IMST=SFSV REC LEN=4 S SI=2 MS FILTER=12/18-128/72 HZ
NOTCH=OUT TAPE FMT=SEGB

EDITED
EVENT ENHANCEMENT
STATICS
PLOT 89:188 18.11.37



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LINE NO. 83Y

PART NO. 2 OF 2

R.R. 10X