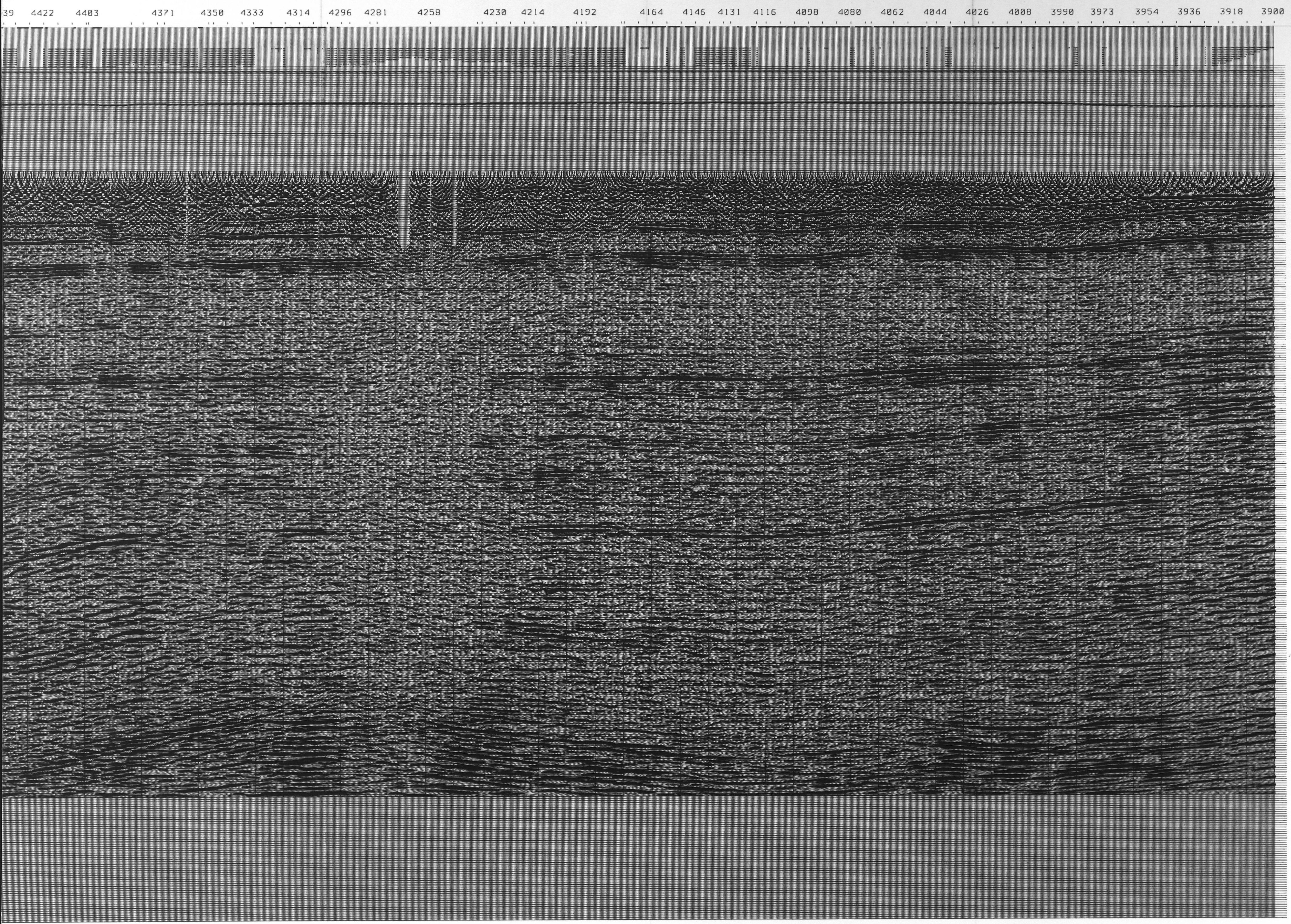

9220-C4-2E

JAN 23

LINE 72X 106-I-SW/GNE

PROSPECT FT.GOOD HOPE

PROFILES 3900-6084
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=MAR/1980   CREW=CHEVRON #6   RECD  E->W  TR/PRFILE= 120 COV= 1000%
SPREAD= 1452-36-SP-36-1452 M.       SP INT=144 M.      GRP INT= 24 M.
DYNAMITE  3 HOLES  12  M. APART   2.0 KG/HOLE HOLE DEPTH= 09.0 M.
GEOPHONE TYPE= SENS SM-7   NAT FREQ=30 HZ  PHONES/GRP= 9  2.66 M.  APART
INST=GUSBUS 2        REC LEN= 4 S  SI=2 MS  FILTER= 20/12-160/72 HZ
NOTCH=OUT  TAPE FMT=HDDR

EDITED      15
EDITOR SETSSI=00304032   TIME=20.20.51   DATE=80.100
       ** COORDINATE SYSTEM LU CREATED- CRDSYS-YRGT **
        OUTPUT DATASETS:
              SSU.PS001257.EDITOR.U567201               VOLSERS=
CREAM 00504179         80.104  13.57.31
CREAM 00504179         80.104  14.17.47
CROOKD
FILTER  TIME INVARIANT. FILTER SPECIFIED OTHER THAN IN SLOPES AND CUTOFF FREQUENCIES
GAIN        REC  TIM CONST=   400 MS.
DECON DECONVOLUTION WITH FILTER
        LO CUT=  10 CPS  SLOPE= 18 DB/OCT   HI CUT=  90 CPS  SLOPE= 36 DB/OCT   PHASE=ZERO
        AUTOCORRELATION GATE VARIES WITH OFFSET
UPSHOT TIME=  14.44.40 DATE=  80.105
STAT   SETSSI=09507195   TIME=20.55.31   DATE=80.105
STAT   SETSSI=09507195   TIME=21.10.55   DATE=80.105
REC   TIME CONST= 400 MS
RASP  RESIDUAL STATICS  LINEAR MODEL
      CLENG=   240.0. OFFMAX=  1452.0. NUMX=  21.
      TIME ZONES AT REFLPT =   1460.00
      ZONE  1     140.0  TO     990.0
      TIME ZONES AT REFLPT =  53012.00
      ZONE  1     560.0  TO    1410.0
      TRACE TO TRACE X-CORR SCHEME
      PILOT TRACE X-CORR SCHEME
      DATE80.114     TIME  03.00.40
      SOLUTN      TIME=04.06.15 . DATE=80.114
              LINEAR  SOLUTION
STAT   SETSSI=09507195   TIME=21.57.55   DATE=80.116
CREAM 00504179         80.121  01.15.35
NMORT  SETSSI=14003194
NMO CORRECTIONS.  16 VELOCITY FACTS. USED ALONG THE  LINE. 1 VELOCITY FACT. DETAILED
VELOCITY AT REFLECTION POINT   4713.MS.
TIMES
   0.100   0.200   0.300   0.400   0.500   0.600   0.700   0.800   0.900   1.000   1.200   1.400
   1.000   3.000
OFFSET   1452.MS.
VRMOS
   3010.   3360.   3690.   4050.   4400.   4690.   4950.   5110.   5210.   5300.   5300.   5430.
   5520.   5660.

NMO AND CDPS.     STACK ONLY   NO NMO APPLIED
    MUTE X1=   0.0 M  T1= 0.0  SEC  X2= 425.00 M  T2= 0.0  SEC  X3= 430.00 M  T3= 0.350 SEC
FILTER  LO CUT= 10 CPS  SLOPE= 18 DB/OCT   HI CUT= 80 CPS  SLOPE= 36 DB/OCT   PHASE=ZERO
BALANS SETSSI=17005207   TIME=02.33.17   DATE=80.121
  &BALANS NZONE -1,T1=0.250.1.700.
  &END
LUFIX  SETSSI=13101275   TIME=18.43.02   DATE=80.126
TAPERS SETSSI=15505106   TIME=19.46.44   DATE=80.131
       SPATIAL AND TEMPORAL HANNING WINDOWS APPLIED
           NTRS=   12  .   12          NSAMP=  100
REDATM  MIGRATED  80.132  20.01.14 SETSSI=15000105 START=   1. STOP=   11
STAT   SETSSI=09507195   TIME=20.59.26   DATE=80.132
ELEVAT                   TIME=21.01.53   DATE=80.132
PLOT  80.132      21.02.55               10305142
      FLOATING POINT DATA
*******************************************************
*       CONFIDENTIAL-RESTRICTED TO SOCAL USE          *
*******************************************************

       ******    PERMANENT DATASETS    ******

            SSU.PS001257.EDITOR.U567201
            SSU.PS001257.STAT.U567231
 ---------> SSU.PS001257.STAT.U567241   (TIME)
            SSU.PS001257.STAT.U567242   (DEPTH)

       ******        HISTORY         ******

    *  PROCESSED AT  2  MS  SAMPLE INTERVAL  *
    *  INSTRUMENT DEPHASE FILTER APPLIED     *

       1ST CREAM - KILLED TRILSPREAD AND BAD TRACES
                   MUTED BAD PROFILE AND TAXED DATA
                   TO 3.200 SECS.
       2ND CREAM - TAXED DATA TO 3.000 SECS.

       1ST LUFIX - CORRECTED SHOT POINT ANNOTATION

       ****  DECONVOLUTION INFORMATION  ****

          AUTOCORRELATION WINDOW
       T1= 0.400 SEC.   T1OFF= 252 M.   T1VEL= 2400  M./SEC
       T2= 2.400 SEC.   T2OFF=000  M.   T2VEL=9999   M./SEC
       OPERATOR LENGTH=64 MSEC.    STAB FACTOR=0.01

       ******    STATICS INFORMATION    ******

       1ST STAT - UPSHOT STATICS APPLIED
       DATUM= 400 M.  REPLACEMENT VELOCITY= 3700 M./SEC.
                      WEATHERING VELOCITY=  700 M./SEC.
       2ND STAT - FLOATING DATUM APPLIED
       3RD STAT - RASP RESIDUAL STATICS APPLIED
       4TH STAT - FLOATING DATUM REMOVED

       ******  RESIDUAL NMO FUNCTIONS  ******

              APPLIED AT 1452 M. OFFSET

       ******       MUTE  APPLIED       ******

          TIMES=  0.001   0.350   0.700  SEC.
        OFFSETS=   425     430    1452   M.

       ******     PLOT PARAMETERS       ******

            PLOT DIRECTION = RIGHT
          NO TRACE EQUALIZATION DONE
            PLOT AMPLITUDE = 3400
            TEC=7.5       TRSP=25
```

terra surveys ltd

2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 9229-C4-2E

LINE NO. 72X

PART NO. 1 **OF** 5

R.R. 10X

terra surveys ltd

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Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 9229-C4-2E

LINE NO. 72X

PART NO. 2 **OF** 5

R.R. 10X

terra surveys ltd

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Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 9229-C4-2E

LINE NO. 72X

PART NO. 3 **OF** 5

R.R. 10X

terra surveys ltd
2060 Walkley Rd. Ottawa, Ont.
Canada K1G 3P5
Tel. (613) 731-9571
Telex: 053-3502 Cable: TERRA

PROJ. NO. 9229-C4-2E

LINE NO. 72X

PART NO. 4 **OF** 5

R.R. 10X

LINE 72X 106-I-SW/GNE
PROSPECT FT.GOOD HOPE

PROFILES 3900-6084
PROVINCE N.W.T. CANADA
CHEVRON CANADA RESOURCES FRONTIER DIV.
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* * * * * * *

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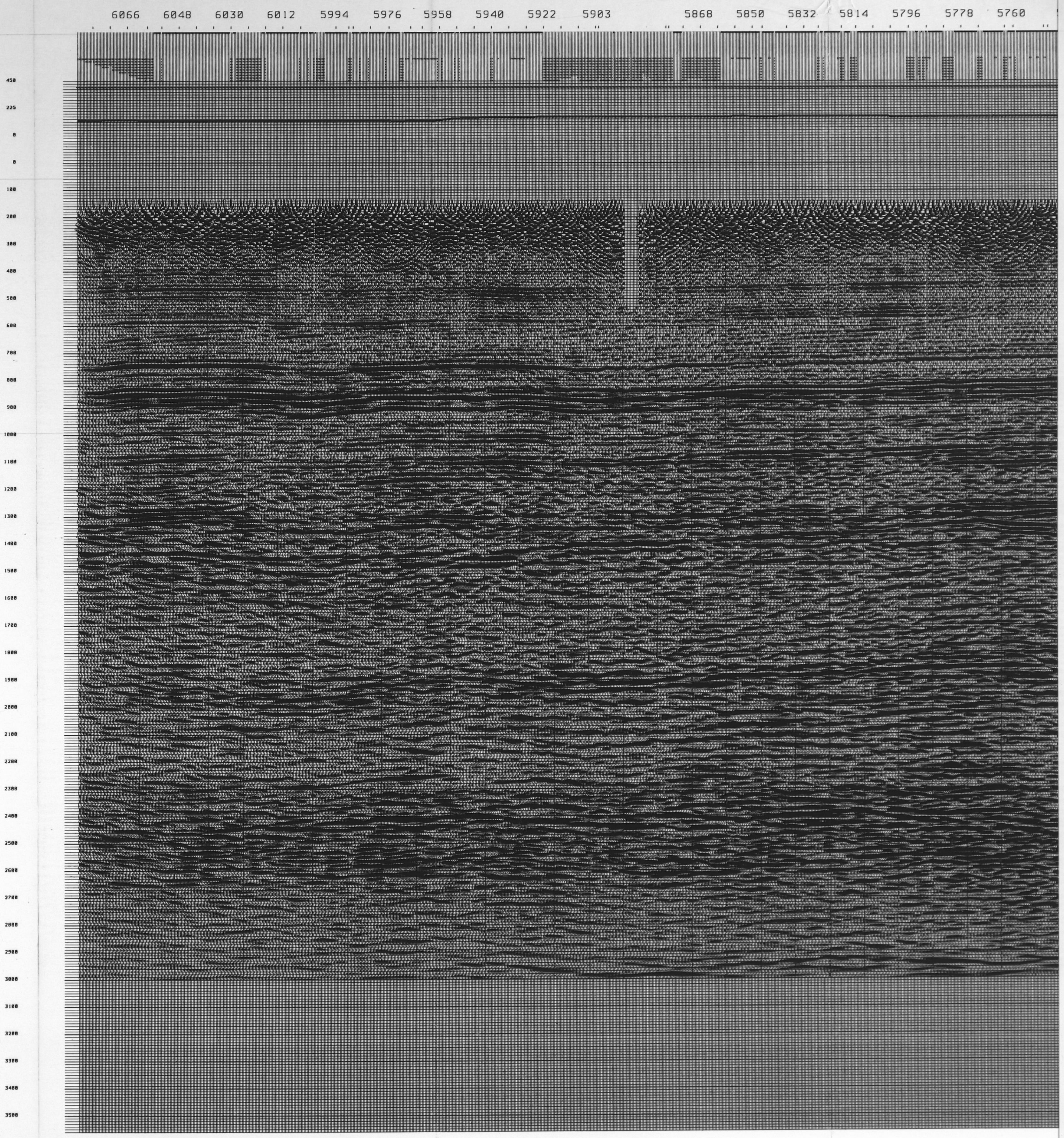
INST=GUSBUS 2      REC LEN= 4 S  SI=2 MS  FILTER= 20/12-160/72 HZ
NOTCH=OUT  TAPE FMT=HDDR

EDITED      15
FILTER
DECONVOLUTION
STATICS
STATICS
AVC
STATICS
NMO-STACK
FILTER
STATICS
PLOT  88.132      21.02.55
```



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LINE NO. 72X

PART NO. 5 OF 5

R.R. 10X