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Cable TERRA

PROJ. NO. 9

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9-P

2

8-1

4

E

LINE NO.

8

4

4

6

PART NO.

1

OF

3

R.R. 5.5X

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

9229-P28-14K

LINE 8446
SHOT POINTS 101 TO 276

PETRO CANADA
AREA : GREAT BEAR LAKE
NTS 96-B

MIGRATION (NORMAL POL.)

FIELD DATA

RECORDED BY : SEISCON DELTA UNITED PARTY 552
RECORDED FOR : PETRO CANADA
DATE : JANUARY-MARCH 1988
INSTRUMENTATION :
AMPLIFIERS : SPS V
NO. OF TRACES : 120
RECORDING FILTER : 18 - 128 HZ
FORMER LENGTH : 6 SECONDS
SAMPLE RATE : 2 MSEC
TAPE DENSITY : 1400 B & I
GEOPHONE TYPE : MARK L-28 14 HZ
RECORDING SPREAD :
GROUP INTERVAL : 20 METERS
SHOT POINT INTERVAL : 10 METERS
INTENDED COVERAGE : 2.4 METERS
GEOPHONE ARRAYS : 8 GEOPHONES IN LINE AT 2.4 METERS
CONFIGURATION :
TR120 T TR81 SP TR80 TR1
1200 M 20 M 20 M 1200 M
ENERGY SOURCE :
TYPE : WHITE
CHARGE SIZE : 2.1 KG PER HOLE
HOLE DEPTH : 14 METERS
PATTERN : 5 HOLE HOLE

DIGITAL PROCESSING

DATUM : 305 METERS A.S.L. REPLACEMENT VELOCITY : 2450 METERS/SEC
1. DEMULTIPLY : OUTPUT AT 2 MSEC SAMPLING TO 4 SECONDS
2. TRACE EDITING : FROM FIELD MONITORS.
3. STATICS COMPUTATIONS : ELEVATION STATICS
4. TRUE AMPLITUDE RECOVERY : 7 DB/SEC FROM 0 TO 3.0 SECONDS
5. MUTE : FIRST BREAK NOISE SUPPRESSION
6. DECONVOLUTION : ONE OPERATOR OF 80 MSEC
1.0 PERCENT WHITE NOISE LEVEL
DESIGN GATES : 300 TO 1800 MSEC NEARLY TRACE
300 TO 1800 MSEC FAR TRACE
7. EQUALIZATION : SURFACE REFERENCED (TYPE : VEL.SCAN)
8. VELOCITY ANALYSIS : SURFACE REFERENCED (TYPE : VEL.SCAN)
9. RESIDUAL STATICS ANALYSIS : SURFACE CONSISTENT AUTOMATIC (STATICS)
10. VELOCITY ANALYSIS : SURFACE REFERENCED (TYPE : VEL.SCAN)
(RELATIVE - RESIDUAL STATICS APPLIED)
11. MEAN DATUM STATICS APPLICATION
12. TRIM STATICS
13. STACK MUTE : TIME (IN MSEC) : OFFSETS (IN METERS)
10 20
100 200
1000 1000
14. COMMON DEPTH POINT STACK : 16 FOLD
15. MIGRATION : WAVE EQUATION MIGRATION
KIRCHOFF P/K DOMAIN
DIP LIMITED
16. TIME INVARIANT FILTER : 13/23 - 50/80 HZ
17. TIME VARIANT SCALING : 110 X 100 200 300 400 500 600 700 800 900 1000
START TIME : 0 MSEC
DISPLAY POLARITY : NORMAL (PEAK OR DISPLAY REPRESENTS POSITIVE NUMBER ON TRACE)

DISPLAY

HORIZONTAL SCALE : 30.0 TR/IN 100.0 TR/CM
VERTICAL SCALE : 3.75000 IN / SEC
TRACE TYPE : BIAS : 0.0 PERCENT
DATUM : 305 METERS A.S.L.
DISPLAY UNIT : 0.411238 CM

DISPLAY GAIN
GAIN : 10
LINE : 10
TIME : 10

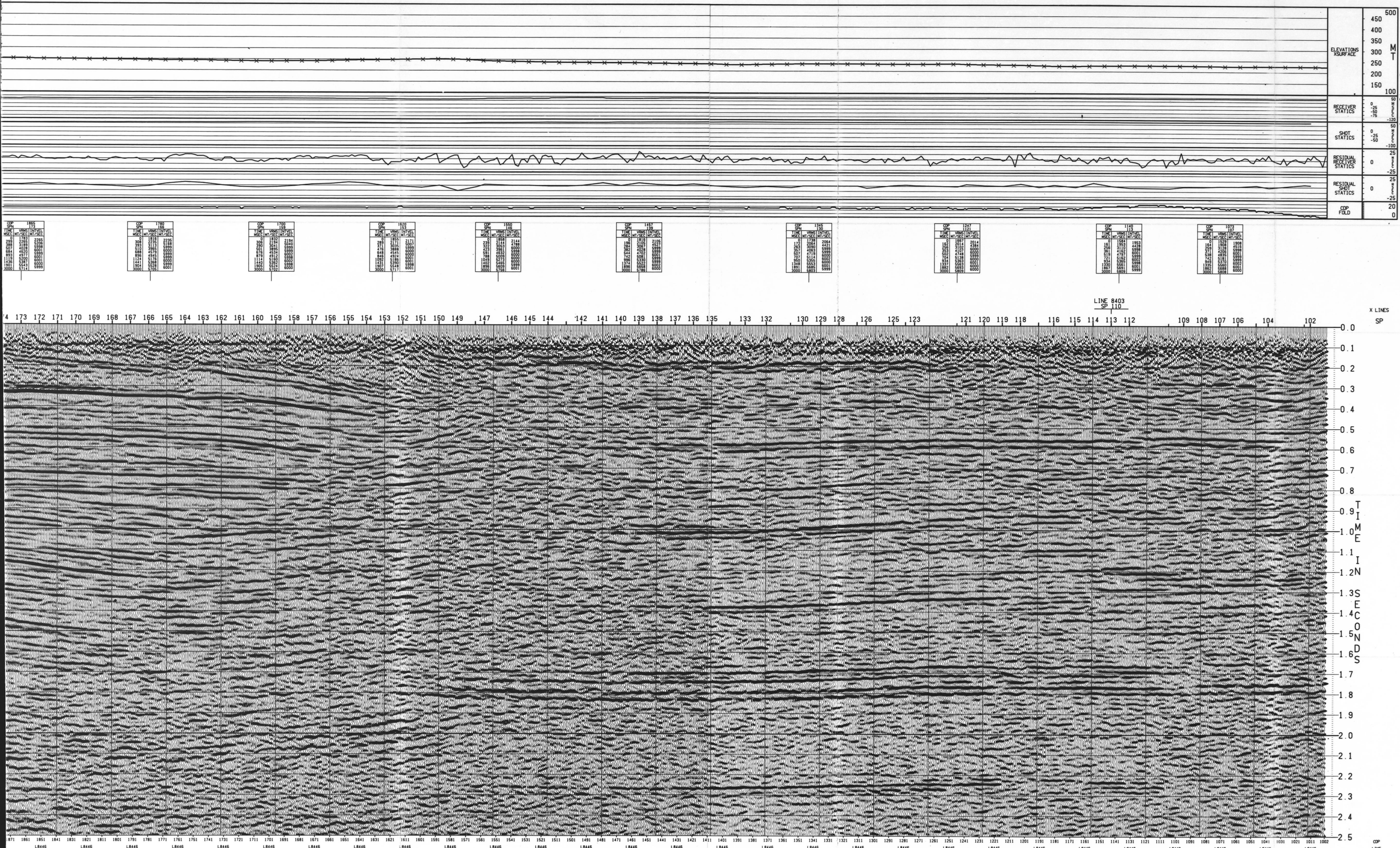
28 MAY 1988
21 05 02

CANADIAN LAND 6430/135133

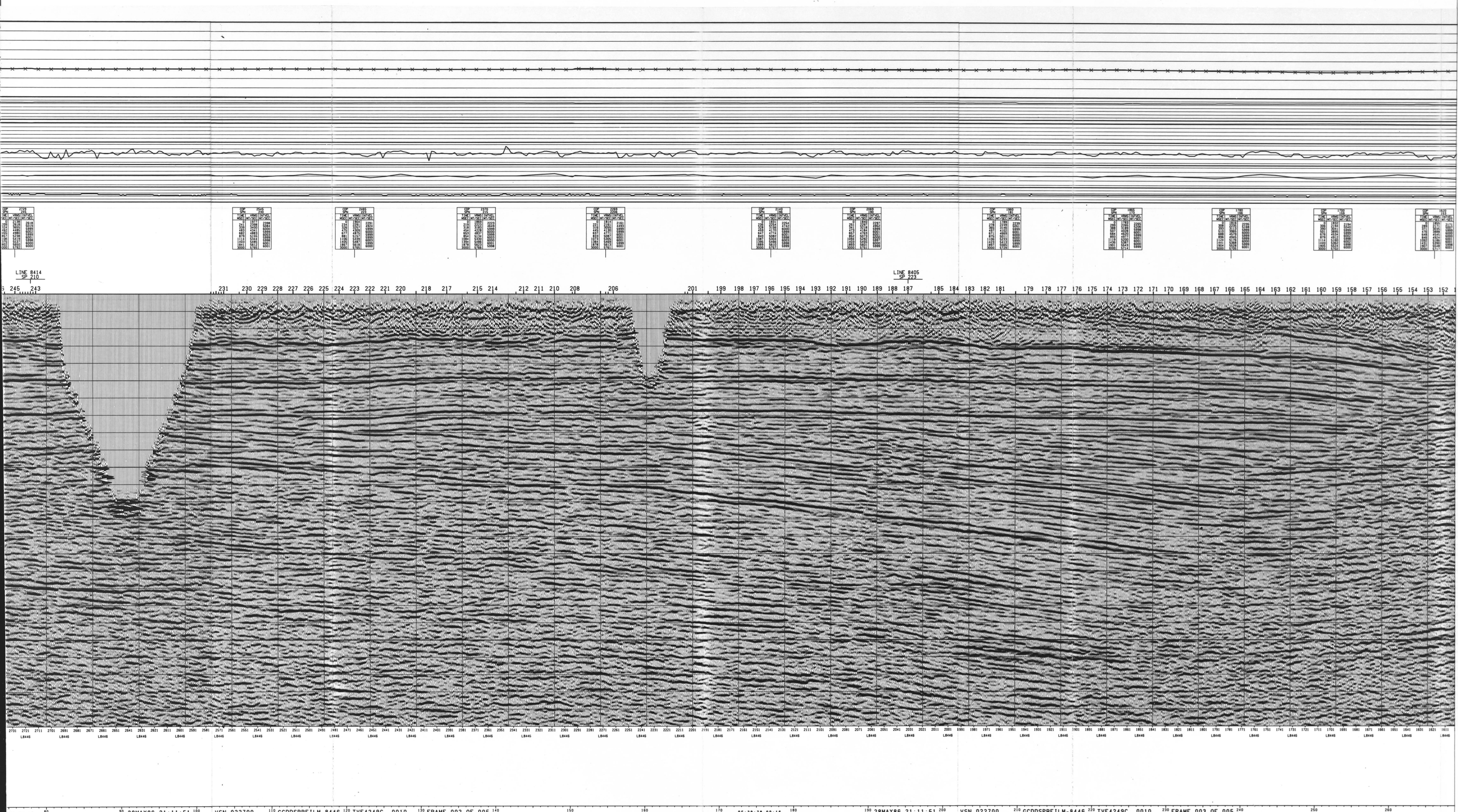
GEOPHYSICAL SERVICE INCORPORATED
A DIVISION OF TEXAS INSTRUMENTS LTD

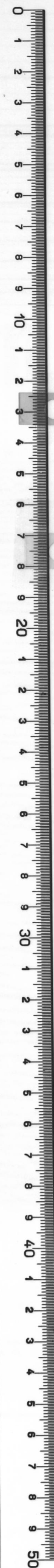
PROCESSING PARTY CHIEF : J. LIKUSKI

28 MAY 1988 21:11:51 022700 410 GCDDSP1



249C 0010 230 FRAME 003 OF 005 240 250 260 270 280 28 MAY 86 21:11:51 300 VSN 022700 310 GCDDSPBFLM-8446 320 TVF4249C 0010 330 FRAME 004 OF 005 340 350 360 370 380 390 400 410 GCDDSP1





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