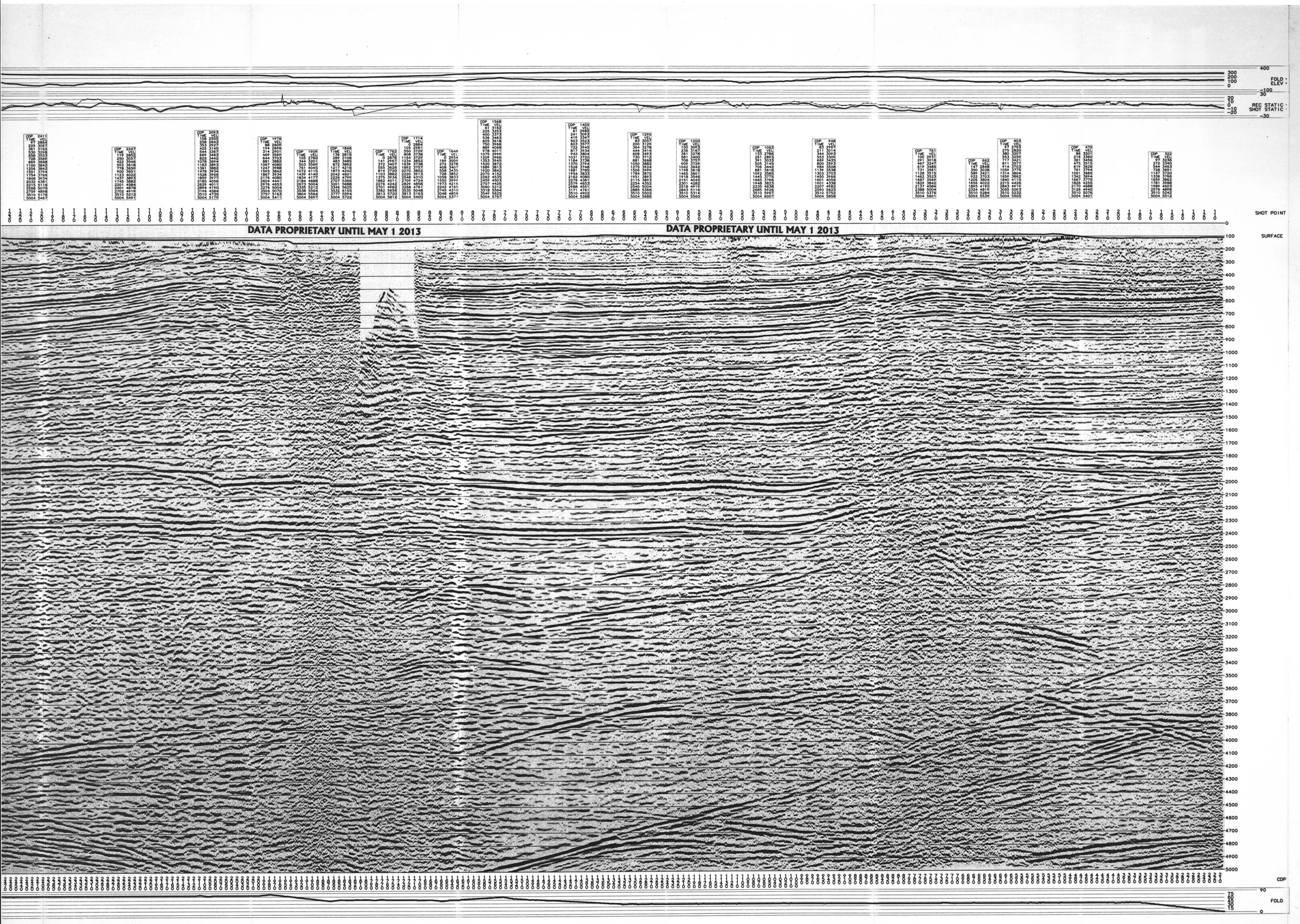


9229-B059-006F

9229-B059-006P

East

B.F.R.
GEOPHYSICAL CONSULTANTS LTD
A WHOLLY OWNED SUBSIDIARY OF GEODATA CORPORATION
A SCHLUMBERGER COMPANY

Schlumberger
Geco Prakla
A DIVISION OF SCHLUMBERGER CANADA LTD.

FTL-13
FORT LIARD

STRUCTURE
Normal Polarity
SP 1335 SP 101

FIELD PARAMETERS

ACQUISITION
- Project ..... Fort Liard
- Client ..... Geo Prakla
- Shot By ..... Geo Prakla
- Rec'd By ..... BFR Geophysical Consultants
- Party Number 187

SOURCE
- Source type ..... vibroseis
- Sweep length ..... 12 sec
- Sweep freq ..... 10- 90 Hz
- Source array ..... 4x 7.80 m
- Source interval ..... 4x 7.80 m

RECEIVERS
- Geophone type ..... GHD 10 Hz
- Geophone array ..... 20 x 20 m
- Group interval ..... 20 m

INSTRUMENTS
- Recording system ..... GDC System II
- Recording format ..... SEG D
- Data type ..... Fixed 36db
- Sample length ..... 8 sec
- Sample interval ..... 2 ms
- Number of channels 96
- Hi cut filter ..... 70 Hz
- Lo cut filter ..... 135 Hz
- Hi cut slope ..... 48 db
- Notch filter ..... Out

SPREAD
- T1 ..... T160 ..... T161 ..... T320
- 3200 m ..... 0 m 3200m

PROCESSING SEQUENCE

DEMUX:
- SEG-D Trace Sequential format, 2 msecs sample interval

GEOMETRIES:
- Green Mountain Geoscribe

GAIN RECOVERY:
- Spherical divergence correction. (T/1000)^2, trace/trace equalization

REFRACTION STATICS:
- GRM refraction statics
- Datum elevation 500 m
- Refraction velocity 4000 m/sec

DECONVOLUTION:
- Surface consistent spiking deconvolution
- 120 msec operator length, 0.1% prewhitening
- Design window
  - 0250 - 2800 msecs x 15m
  - 0250 - 2900 msecs x 3200m

FILTER:
- Spectral Balancing Filter, 12-14-80-90 hz

NOISE REDUCTION:
- FK filter used to remove linear shot generated noise

ITERATE:
- REFLECTION STATICS:
  - Maximum power automatic statics
  - Maximum shift 20 msecs max shifts
- VELOCITY ANALYSIS:
  - Interactive velocity analysis.
  - CDP interval = 100

TRIM STATICS:
- Horizon keyed CDP statics.
- max shift 10 msecs.

NOISE ATTENUATION:
- PSI Eigenvector filter

MUTE/STACK:
- offsets 0-3200 outside mutes

POST STACK:
- Bandpass filter- 12-15-80-90
- Time variant Scaling- 7 gates

Processing by

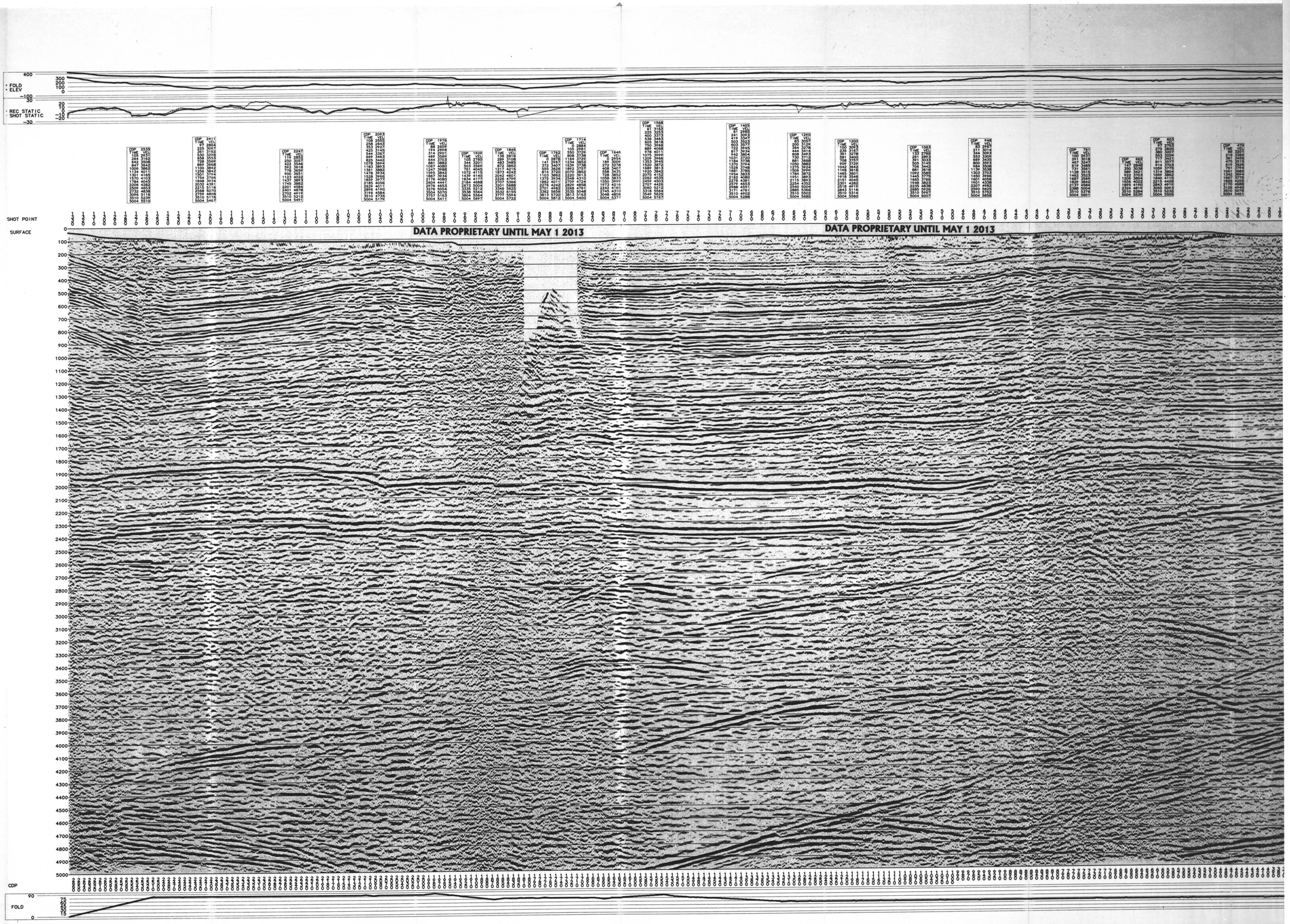
Resolution
Seismic Imaging

DISPLAY PARAMETERS

Wed May 7 14:02:48 1997
- Trace/inches = 30.5
- Seconds/inch = 0.5
- Gain Set = 0.5
- Gain Constant = 503.561
- Static Shift = 0.0
- Inches/second = 5
- Trace Mix = 1
- RMS Amplitude = 0.492929

DATA PROPRIETARY UNTIL MAY 1 2013

TRIATHLON PROJ. NO. 9229 B59 8P LINE NO. FCT 13 PART NO. 1 OF 2 R.R. 10X



TRIATHLON

PROJ. NO. 0220 B 6 0 0P

LINE NO. FCT 13

PART NO. 2 OF 2

R.R. 10X