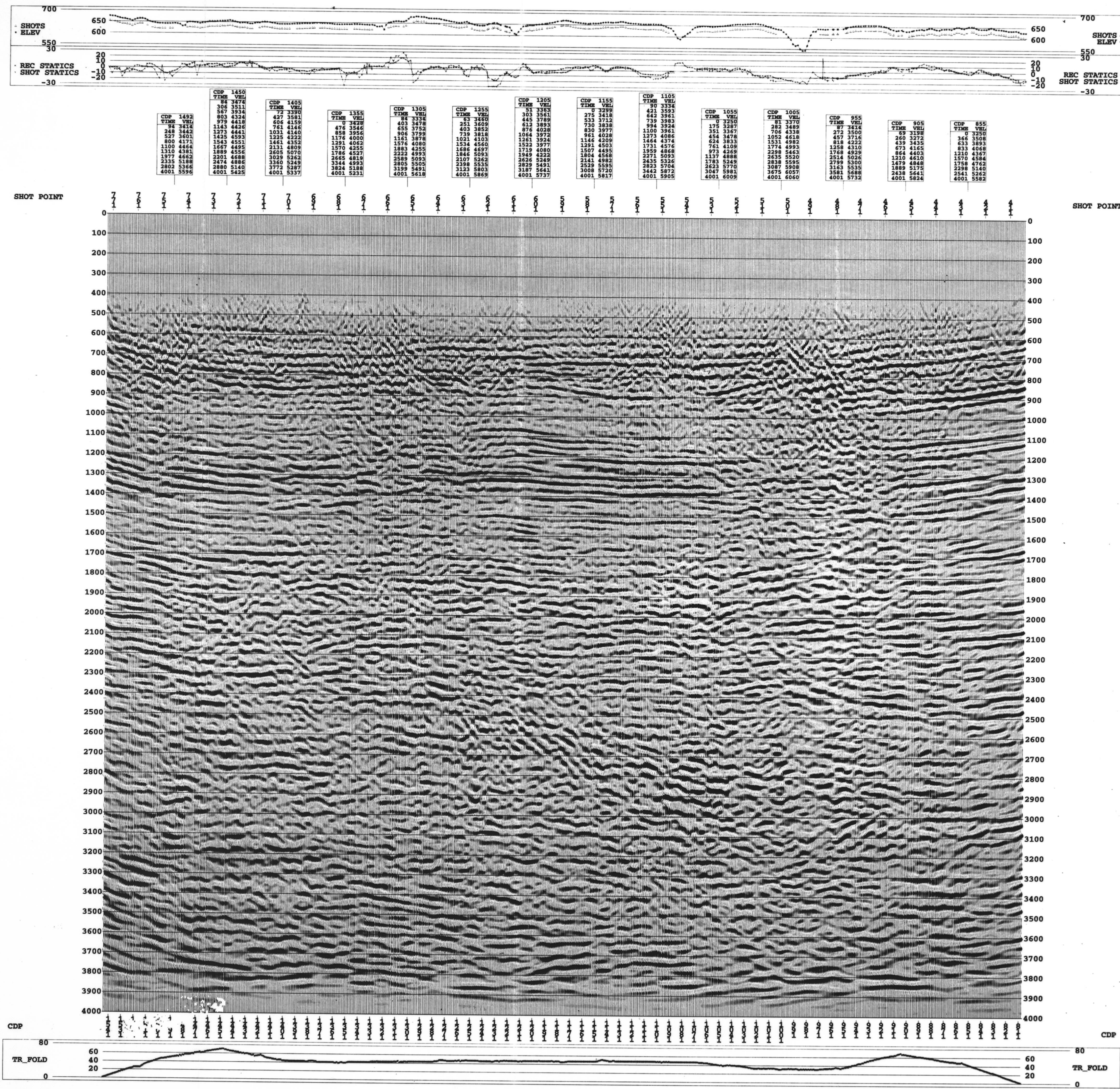




Resolution
Seismic Imaging

**KOTANEELEE
KOT-7N (44899)**

Processed for
NORCEN ENERGY

Migrated Stack
Normal Polarity
SP 773 SP 405

FIELD PARAMETERS

ACQUISITION
Project: KOTANEELEE
Shot: 773
Shot No.: 773
Shot Date: 1998-05-15
Party Name: NORCEN ENERGY

SOURCE
Source type: Dynamic
Charge depth: 8-12m
Source array: Single Hole
Source interval: 40 m

RECEIVERS
Geophone type: Geophones 14 Hz
Geophone array: 3 over 40 m
Group interval: 40 m

INSTRUMENTS
Recording system: MDS-10
Gain type: 10 Hz
Record length: 4 sec
Sample interval: 10 ms
Number of channels: 16
Lo cut slope: 18 Hz
Hi cut filter: 75 Hz
Hi cut slope: 75 Hz/oct

SPREAD
T1: 1920m
T2: 40m
T3: 40m
T4: 1920m

PROCESSING SEQUENCE

DEMUX:
SEG-8 multiplexed format, 2 msec sample interval

GEOMETRY:
Green Mountain Geoscribe

GAIN RECOVERY:
Spherical divergence correction,
1/r² correction, trace/trace equalization

ELEVATION STATICS:
Data elevation 1250 m
Displacement velocity 4000 m/sec

DECONVOLUTION:
Surface consistent Predictive deconvolution
10 msec operator length, 30 ms. Pred Distance
Design velocity 1920 m/sec
0850 - 3000 msec @ 1920m

FILTER:
Bandpass Filter, 10-15-45-55 Hz

ITERATE:
REFLECTION STATICS:
Minimum power automatic statics,
Horizon based, 30 msec max shift
Velocity analysis
Interactive velocity analysis,
CDP interval < 50

TRIM STATICS:
Horizon based CDP statics,
Max shift 10 msec.

NOISE/NOISE/STACK:
All offsets

POST STACK:
Band pass filter: 10-15-45-55 Hz
FD Migration using 50% of velocity
Time Variant Scaling

Plot:
Create cpm plot file.

DISPLAY PARAMETERS

Mod Sep 25 08:08:47 1998
Traces/Inches = 12
Line Percent = 0
Gain Set = 0.5
Gain Constant = 895.388

Scale Shift = 0
Inches/Second = 7.5
Clip Limit = 3
RMS Amplitude = 1.12311