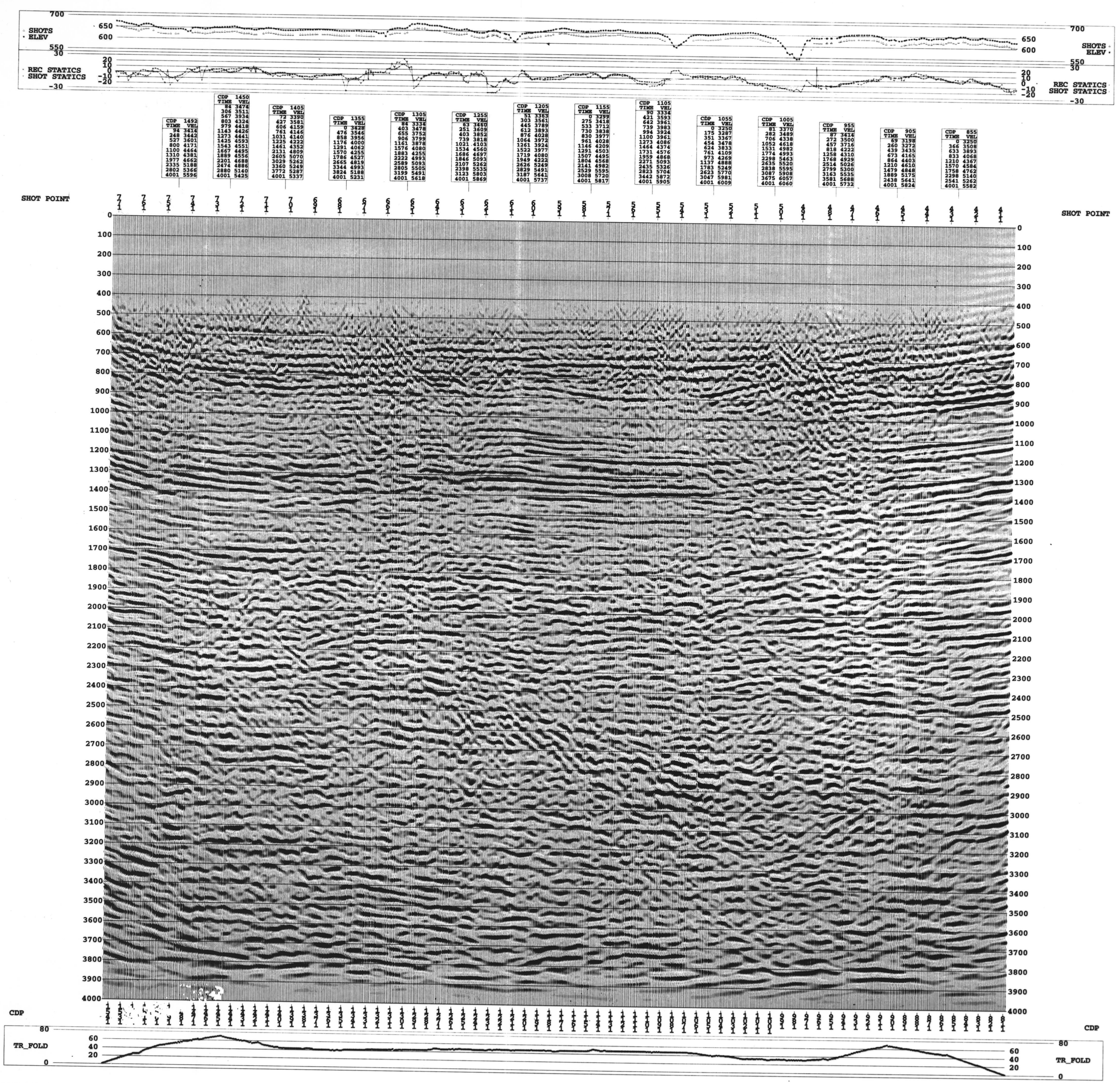




Resolution  
Seismic Imaging

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

Processed for  
**NORCEN ENERGY**

Migrated Stack  
Normal Polarity  
SP 773 SP 405

**FIELD PARAMETERS**

ACQUISITION  
Project: KOTANEELEE  
Data Shot: 29 JAN 84  
Shot ID: 44899  
Party Number: Norcen Energy

SOURCE  
Source type: Dynamic  
Charge size: 1.5 kg  
Source array: Single Hole  
Source interval: 10 m

RECEIVERS  
Geophone type: Geophones 16 Hz  
Geophone array: 2 over 40 m  
Group interval: 40 m

INSTRUMENTS  
Recording system: SGG-10  
Recording format: SGG 8  
Gain type: 10  
Sample length: 5 sec  
Sample interval: 10 m  
Number of channels: 16  
To cut filter: 10 Hz  
Hi cut filter: 125 Hz  
Hi cut slope: 18 dB/oct  
Notch filter: Out

SPREAD  
V1: 150m  
V2: 40m  
V3: 40m  
V4: 150m

**PROCESSING SEQUENCE**

DEMO:  
SEG-B multiplexed format, 2 msec sample interval

GEOMETRIES:  
Green Mountain Geoscribe

GAIN RECOVERY:  
Optimized divergence correction,  
1/L\*\*2, trace/trace equalization

ELEVATION STATISTICS:  
Datum elevation 1520 m  
Replacement velocity 4000 m/sec

DECONVOLUTION:  
Surface consistent Predictive deconvolution  
80 msec operator length, 36 ms, Pred Distance  
Design freq:  
4000 - 3000 msec 8 40m  
8000 - 3000 msec 8 1520m

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

ITERATE:  
REFLECTION STATISTICS:  
Maximum power automatic statics,  
Rolling average, 10 msec max shift  
VELOCITY ANALYSIS:  
Interactive velocity analysis,  
CDP interval = 50

TRIN STATISTICS:  
Horizon based CDP statistics,  
max shift 10 msec.

INFO/NOTE/STACK:  
All offsets

POST STACK:  
Band pass filter, 10-14-45-55  
FD Migration using 50% of Velocity  
Time Variant Scaling

PLOT:  
Create cpm plot file.

**DISPLAY PARAMETERS**

Wed Sep 25 08:08:47 1986  
Trace/Trace = 12  
Size Percent = 0  
Gain Set = 0.5  
Gain Constant = 890.388

Static Shift = 0  
Index/Trace = 7.5  
Clip Limit = 1.12331  
Max Amplitude = 1.12331