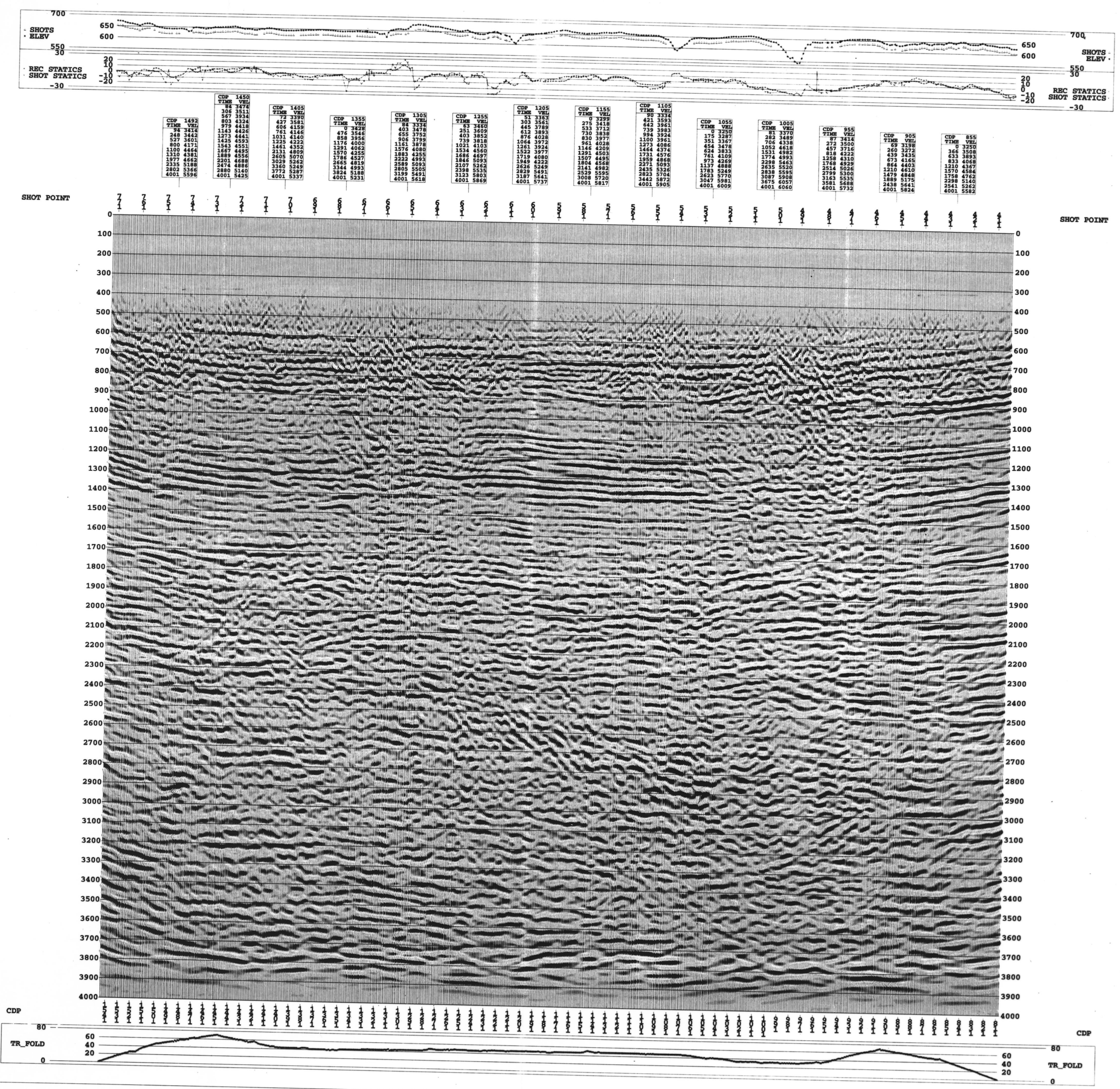




KOTANEELEE

KOT-7N (44899)

Processed for
NORCEN ENERGY

Migrated Stack
Reverse Polarity

SP 773 SP 405

FIELD PARAMETERS

ACQUISITION

Project: Kotaneelee
Data shot: 29 Jul 81
Shot by: Seif Geophysical Ltd.
Shot for: Norcen Energy
Party number: 521

SOURCE

Source type: Dynamic
Charge size: 10 m
Charge depth: 8 m
Source array: Single Hole
Source interval: 40 m

RECEIVERS

Geophone type: Geospace 14 Hz
Geophone array: 9 over 40 m
Group interval: 40 m

INSTRUMENTS

Recording system: MDS-10
Recording format: 200 B
Gain type: 200 B
Sample length: 5 sec
Sample interval: 2 m
Bandwidth: 10-55 Hz
Lo cut filter: 10 Hz
Hi cut filter: 55 Hz
Hi cut slope: 12 dB/oct
Notch filter: Out

SPREAD

T1: 748 2p 749 1920m
T2: 40m 2p 40m 1920m

PROCESSING SEQUENCE

SEI: 8 multiplexed format, 2 msec sample interval

GEOMETRIES:

Green Mountain Geoscribe

GAIN RECOVERY:

Spherical divergence correction
1/Δt², trace/trace equalization

ELEVATION STATISTICS:

Datum elevation 1250 m
Replacement velocity 8000 m/sec

DECONVOLUTION:

Surface consistent Predictive deconvolution
80 msec operator length, 36 ms. Pred Distance
Design gate:
0850 - 3000 msec @ 40m
0850 - 3000 msec @ 1920m

FILTER:

Bandpass filter, 10-15-45-55 Hz

ITERATE:

REFLECTION STATISTICS:

Maximum power automatic statistics
Horizon keyed, 30 msec max shift

VELOCITY ANALYSIS:

Interactive velocity analysis,
CDP interval = 50

TRIM STATISTICS:

Horizon keyed CDP statistics,
max shift 10 msec.

MMO/NOTE/STACK:

All offsets

POST STACK:

Band pass filter- 10-14-45-55
20 Migration using 40% of Velocity
Time Variant Scaling

PLOT:

Create cgm plot file.

DISPLAY PARAMETERS

Wed Sep 25 09:10:10 1996
Traces/Inches = 12
Bias Percent = 0
Gain Ref = 0.5
Gain Constant = 890.388

Static Shift = 0
Inches/Second = 7.5
Clip Limit
Max Amplitude = 1.12311