

Tap Oil T/47P 3D PSTM



QWAVE TEST

Processing Flow

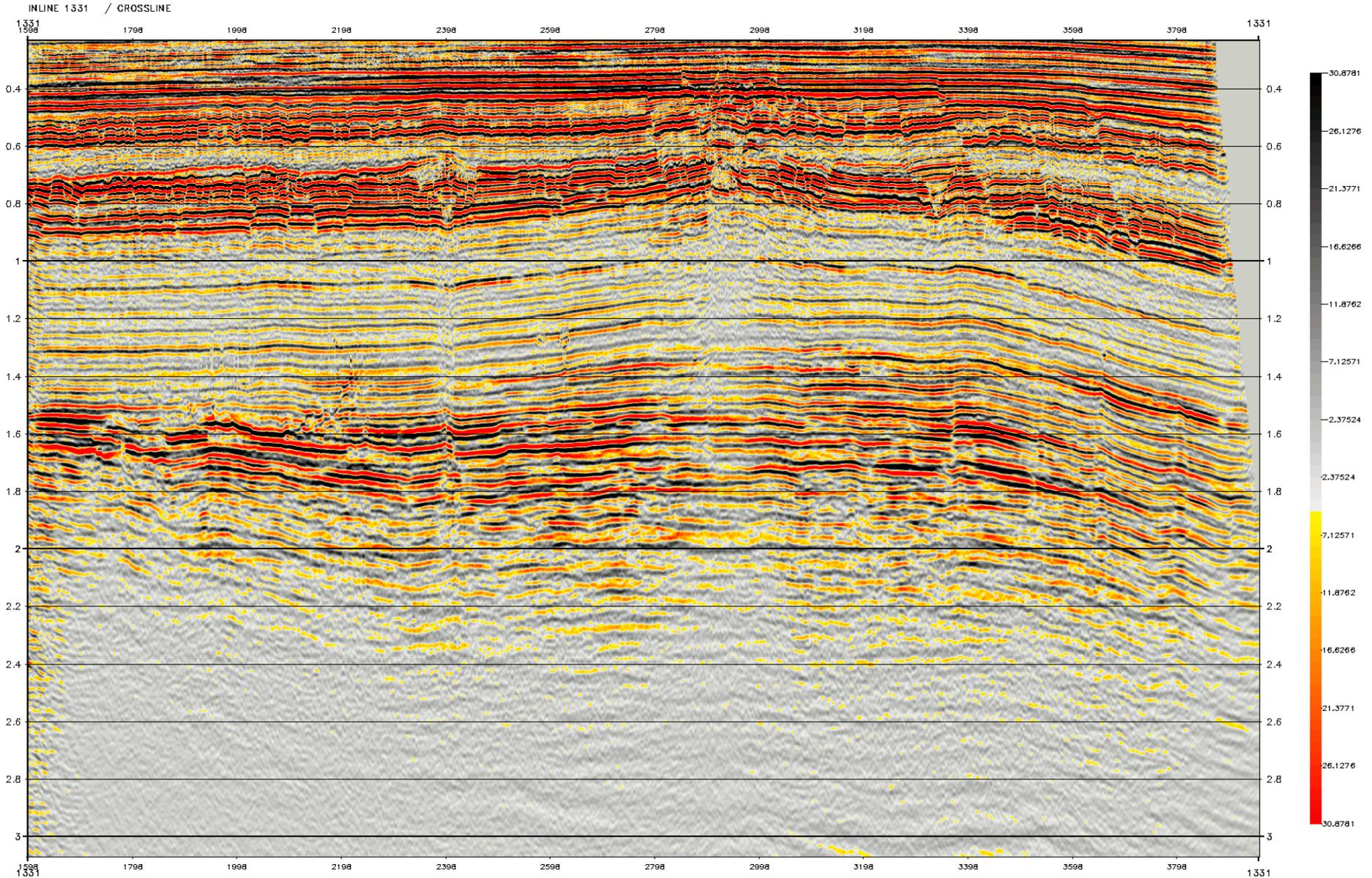
- Reformat
- Navigation merge
- Trace edit
- Low cut filter 3Hz 18dB
- Deterministic de-phase filter to convert data to zero phase using far field signature
- Resample to 4ms using AA filter 110Hz 96dB
- System delay correction
- Spherical divergence correction $V*V*T$ using regional velocity
- Swell noise attenuation, threshold 2.25 and despiking; threshold 2.0
- Linear noise attenuation, Velocity -2500m/s to 2500m/s
- Tidal static correction
- Tau-P de-convolution, operator length 280 and gap 24ms
- First pass velocity analysis on 1km x 1km grid

Processing Flow continued..

- NMO with QC'ed velocity
- Alternate trace drop with K – filter
- Interpolate one trace in cdp domain
- High resolution radon demultiple
- Remove the interpolated trace
- Channel Scaling
- Post radon despiking
- Post radon linear noise attenuation
- 3D binning 12.5 X 25 m grid
- Ralft3D
- Target line migration
- Stack
- **Qwave test**

Stack before Qwave

Tango::spr172pc:s563lap:1331 pstm1stk.1



Stack after Qwave

Tango::spr172pc:s563lap:ps1m1331 qvw2.1

