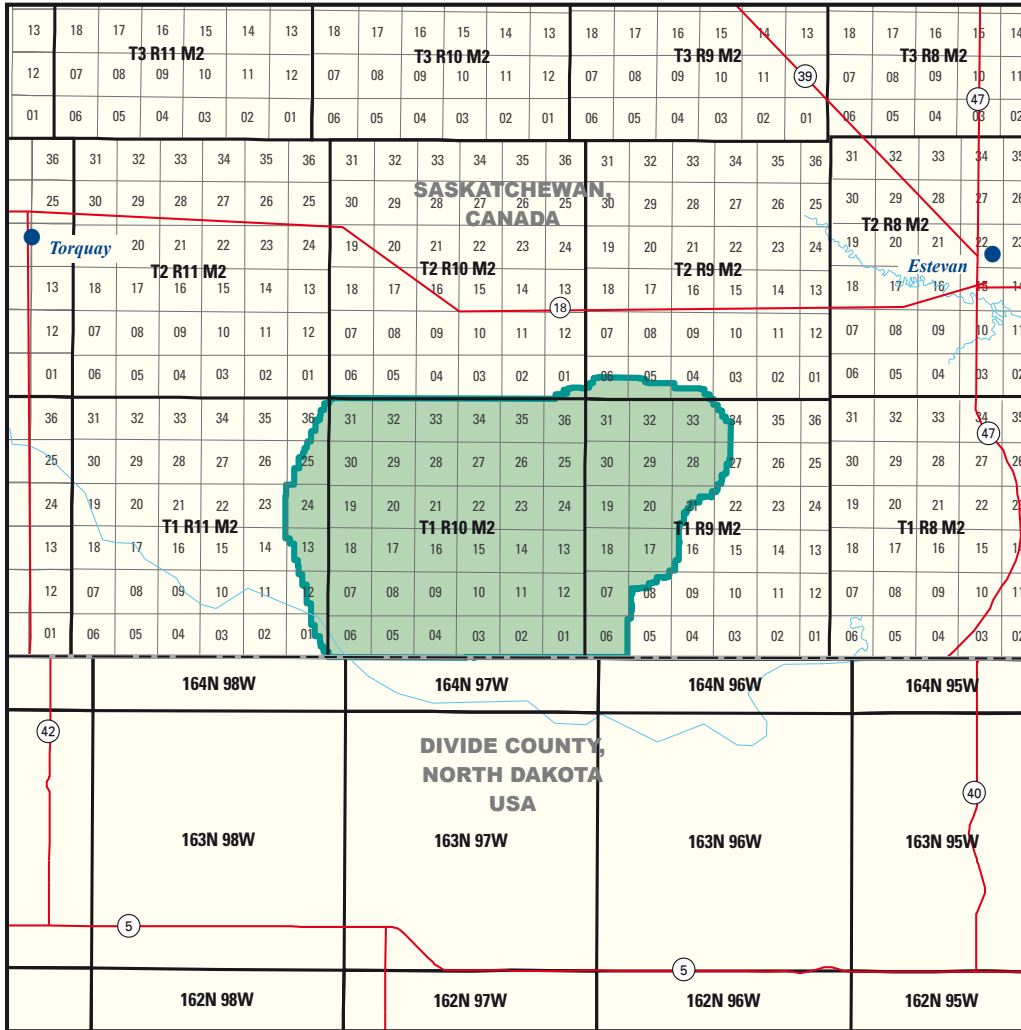


# Estevan Canada Land 3D



## SOUTHEAST SASKATCHEWAN

## Multiclient Services

For more details call:  
713 689 1000

[www.multiclient.westerngeco.com](http://www.multiclient.westerngeco.com)



# Estevan

## Acquisition Parameters

Recording System	Aram24 2.507
Energy Source	Single hole; 1 kg @ 9 m
Recording Geometry	14 lines of 100 channels
Receiver Lines	60 m intervals; 225 m apart
Source Lines	60 m intervals; 405 m apart
Nominal Fold	89
Normal Patch	14 lines x 90 stations
Bin Size	30 x 30 m
Receiver Line Azimuth	268.7 deg.
Survey Completed	November 2005

## Processing Flow - Poststack

Reformat
Geometry definition (3D)
Gain recovery
Refraction statics
Datum = 600 m
Replacement velocity = 2100 meters /s
Surface consistent deconvolution
CDP sort to gathers; 30 x 30 bin
2 passes surface consistent residual statics
Revised velocities
Spectral whitening
Spectral whitening
Trim statics and stack
FXY deconvolution (35% noise added back in)
Finite difference migration (100% velocities used)
FXY deconvolution (65% noise added back in)
Final filter and scale