

## West Southland Basins

### Key facts

#### Where

A region on and offshore of the far south of the South Island.

#### Geology

Up to 9 km of Cretaceous to Quaternary fill in several basins with a total area of about 20,000 sq km. Key stratigraphic units similar to Taranaki Basin.

#### Wells drilled

Four deep modern wells drilled, two of them offshore.

#### Industry infrastructure

Nearest city and port at Invercargill.

#### Prospects

Gas seeps, degraded oil outcrop onshore. Numerous structural and stratigraphic leads.

#### Potential source rocks

Cretaceous to Eocene coal measures and interbedded oil shales and carbonaceous mudstones. Source rocks more oil prone than Taranaki.

#### Potential reservoir rocks

Cretaceous to Eocene terrestrial and shallow marine sandstones, Oligocene marginal marine and deep water sandstones and Miocene sandstones.

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