

Oil Sands



Shell has operations in each of Alberta's three main oil sands deposits. Shell's Athabasca Oil Sands Project mines bitumen in northern Alberta using trucks. Shell's in situ operations near Peace River and Cold Lake use wells to extract bitumen, which is too deep to be surface mined. Shell is in the appraisal and testing phase of a potential in situ oil sands project in the far west side of the Athabasca oil sands region.



Athabasca Oil Sands Project

The Athabasca Oil Sands Project includes the Muskeg River Mine, Scotford Upgrader and supporting facilities.



Shell Quest

Shell is exploring carbon capture and storage to help manage CO2 emissions from its Oil Sands operations.



A Unique Resource

Alberta's oil sands form the second largest oil resource in the world. As a major oil sands developer, Shell is committed to responsible actions that manage the social and environmental aspects of our operations while providing economic benefits at the local, provincial and national level.



In Situ Operations (Unconventional Oil)

Shell's in situ operations include both primary (cold) and steam-enhanced heavy oil production in the Peace River oil sands, and steam assisted gravity drainage (SAGD) activities near Cold Lake. The Grosmont Venture is currently at the appraisal and testing phase.

>> [Peace River](#)

>> [Cold Lake](#)

>> [Grosmont Venture \(Unconventional Oil\)](#)