

Surface geochemistry evaluation to assist in subsurface hydrocarbons generation

Regional petroleum systems charge and phase (gas versus oil) analysis, and

Shale gas analysis in the Horn River Basin in British Columbia, Canada;

Development analysis for Khalda Production Company in Egypt;

and entrapment evaluation in new area exploration programs; Basin burial and temperature history modeling to analyze formation and

temperature evolution of sedimentary basins, Regional petroleum generation and migration analysis;

These core technologies have been applied to assist in:

Shale gas exploration in Neuquen, Argentina; Regional exploration in Australia's Northwest Shelf; North Sea reservoir segmentation studies; Onshore Gulf of Mexico shale gas evaluation;

Charge and phase analysis in Egypt's Western Desert;

Exploration program in Australia's Gippsland basin;

Build predictive resource models.

Oil quality in eastern Canada;

Charge analysis offshore Kenya;

- New ventures petroleum system analysis in Chile;
 Oil versus gas evaluation in Tierra del Fuergo, Argentina
 Pre-Cuyo CO₂ evaluation in the Neuquen basin of Argentina;
- Deep potential study in the Cuyo basin of Argentina;
 Petroleum systems analysis in Cook Inlet, Alaska;
 Permian basin well site geochemistry study; and
 New ventures petroleum system analysis.

The petroleum systems team is also actively involved in developing new technologies as well as being early users of technology developments offered by the industry.

