

South Duvernay Oil Play Phase II

East Meets West

Introduction

The southern Duvernay is emerging as Canada's first true "shale oil" play. We estimate the 4.2 million plus acre economic fairway to have an OOIP of 40 to 80 billion bbls. A recent AER open file report suggests an OOIP range of 98 to 113 billion bbls in the East Shale Basin alone. Results from the most recent drilling activity have shown consistent improvement in both initial production rates and estimated recoverable oil. The better (P10) wells provide half cycle RORs of 52%, with \$50 WTI and \$5MM well costs. The potential scale of the play has reignited interest in the Duvernay and caused a frenzy of land sale activity.

The fairway is not without its complexities: well vintage, proximity to reefs, variances in shale/carbonate distribution, hydrodynamics, geomechanics, thermal maturity and GORs are all issues that need to be resolved when hunting for sweet spots.

Scope of Study

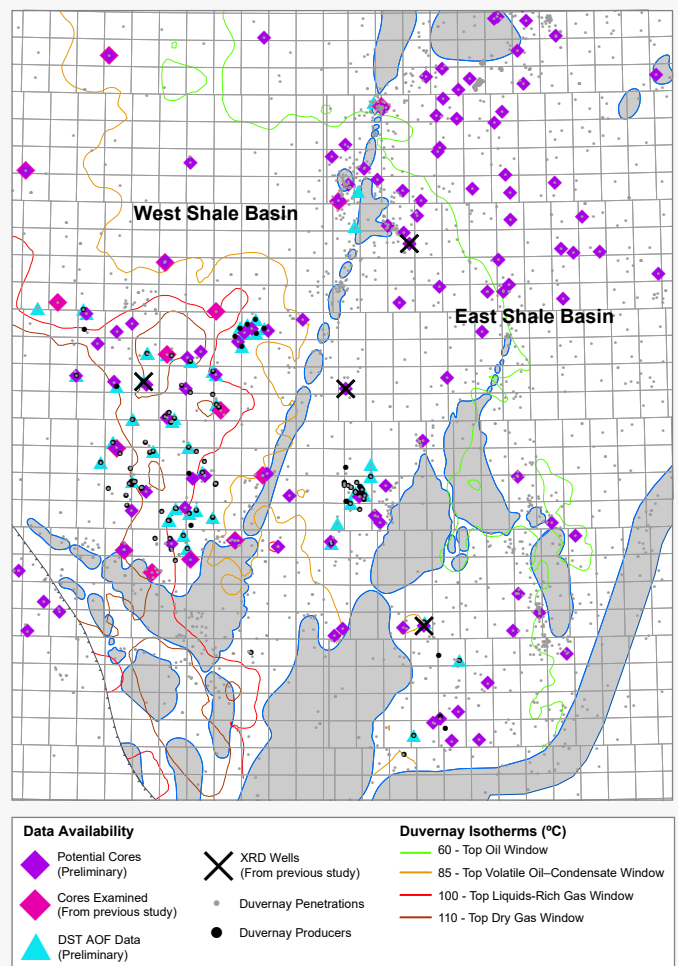
Canadian Discovery Ltd. is pleased to announce Phase II of the South Duvernay Oil Play Project. For this phase we have teamed up with Graham Davies Geological Consultants Ltd. (GDGC), and with Enersoft Inc. to tackle some of these technically challenging issues, including:

- Reservoir characterization, facies identification, petrology and stratigraphy (GDGC)
- High resolution core spectroscopy, XRF and sedimentary texture scans (Enersoft)
- Geology, petrophysics, reservoir and resource delineation
- Geochemistry, petroleum systems and hydrodynamics

Deliverables will include a fully illustrated report, interim workshops, data and shapefiles. We intend to provide draft releases of our findings as they become available. The first five early bird subscribers will receive a discounted price (see below), while credit will be provided to Phase 1 subscribers.

Cost and Terms

Phase II Subscription	\$42,500
Phase I	\$7,200



Data Distribution

Delivery

Spring 2018 including Core Workshop (only in Spring 2018)
Immediate

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