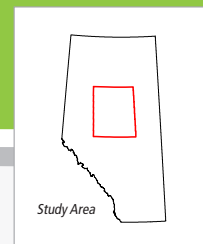


Clearwater Oil Play

Blast Up The Learning Curve On This Emerging Play



Introduction

Is the Clearwater going to be the next Big Oil Play in the WCSB? Sprinkled across a massive 400 km swath running from Jarvie through Marten Hills and Nipisi to Golden, the industry has quietly drilled over 1,100 horizontal laterals into the play that are now producing over 16,000 bopd. The shallow depth, high storage and novel multi-lateral pad drilling provide eye opening economics and suggest the play is 'clearly' promising.

The 'dirty and damp' petrophysical signature of the Clearwater reservoir was traditionally ignored by the industry. Recent entrants recognized a missed pay opportunity in the lithic Clearwater reservoirs and a substantial land rush and drilling campaign is now underway. Between January 2016 and August 2019, a total of 423,000 hectares was purchased for \$85.5 million. Production growth has been astronomical, from essentially zero to over 16,000 bopd in just three years.

CDL has taken a multi-disciplinary approach to understanding the Clearwater oil play. Our study illustrates the relationships between different producing areas and stratigraphic units. Clearwater oil quality variations are documented with the API map. Clearwater production characteristics are documented throughout the various play areas with type curve analysis and EUR estimates provided.

How will this help me?

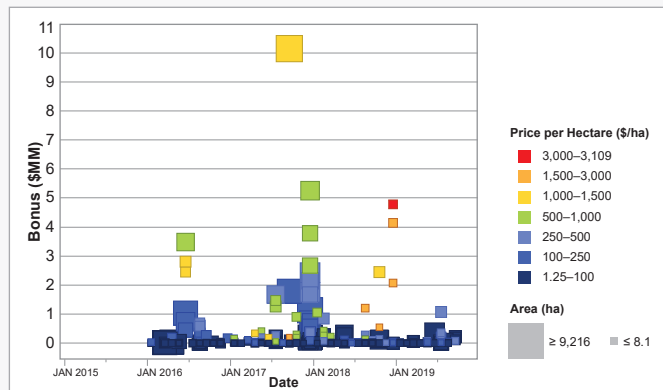
This overview of the Clearwater oil play will enable you to quickly get up the learning curve and focus on the most attractive parts of the fairway.

Deliverables

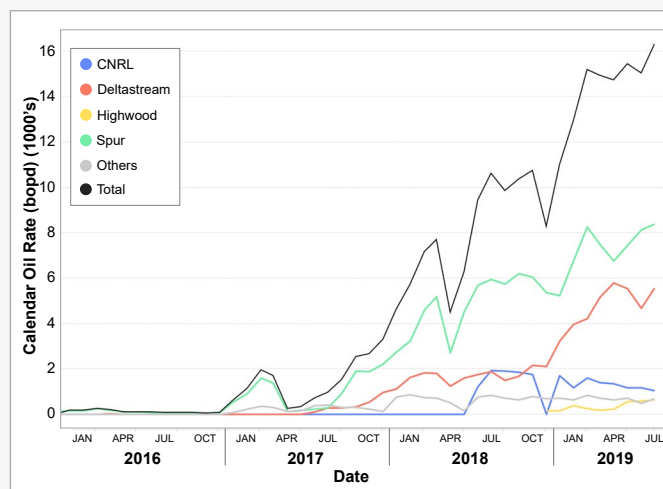
- » Clearwater Oil Play Overview Map
- » Initial Production Rate Map
- » Oil Gravity (API) Map
- » Drilling and Production Analysis
- » Type Curve and Economics Analysis
- » Regional Cross-Sections
- » Clearwater Land Ownership Map
- » Clearwater Land Sale Analysis
- » Six Discovery Digest Articles

Purchase Details

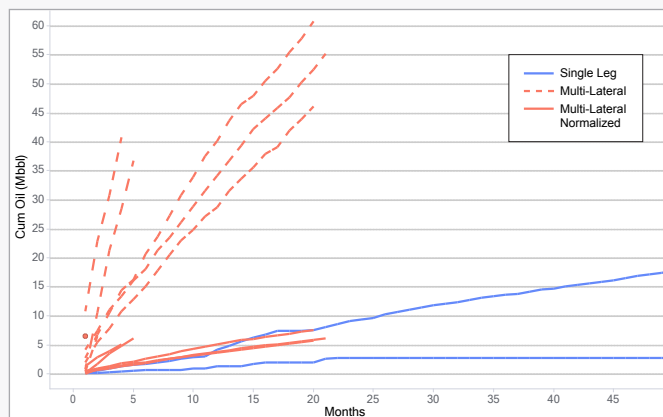
\$4,250 plus applicable taxes.



Land Sale Timeline



Calendar Oil Rate by Operator



Marten Hills Normalized Production Curves