

## Western Canada; Adopting Aphron Fluid Technology for Drilling Underpressured Cretaceous Sands

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### Well Information

Location:	Western Canada, Dodsland Field
Spud/Completion:	Summer 2009
Formation:	Viking (severely under-pressured)
Formation Pressure:	Less than 360 kg/m <sup>3</sup> equivalent
Interval:	Horizontal section

### The Objective

The operator needed to drill horizontally in under-pressured sand eliminating differential sticking and fluid losses to the formation. Operator also wanted to eliminate the standby costs of N<sub>2</sub> units and rig downtime.

### The Solution

The HiTech engineering group recommended the use of our Aphron ICS™ Fluid System.

### The Results

Multiple horizontal wells were successfully drilled to TD utilizing and re-using, the Aphron ICS™ Fluid with no losses and no stuck pipe. The Aphron ICS™ Fluid System performed as engineered, substantially reducing overall well costs.

### Additional Information

If you would like to know more about the Aphron System and how it's performed on hundreds of wells for our customers, please call HiTech Fluid Systems Ltd.



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