

CHALLENGE

Drill a 5000-meter lateral section

SOLUTION

Utilize **AlphaAutomation™** to automate routine drilling connection activities.

- Bottom to slips
- Slips to bottom

RESULT

AlphaAutomation safely delivers the **longest well ever drilled** at a total depth of **8510 meters** including the **longest horizontal 5000-meter lateral section** for **Shell Canada**.

HIGH
PERFORMANCE
HIGH VALUE



**Precision
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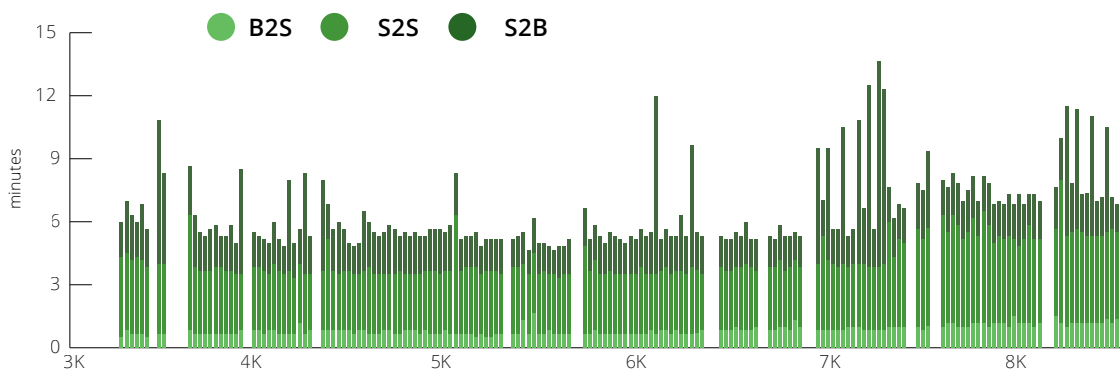
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AlphaAutomation enables record well construction automating 96% of all drilling connections.



The high level of system utilization produced fast and highly consistent weight to weight times throughout all sections of the well.

Vertical 629m – 3324m

92% W2W 6.3 min Median

Build 3324m – 3610m

100% W2W 7.0 min Median

Lateral 3610m – 8510m

98% W2W 5.7 min Median

AlphaAutomation utilization throughout the well

96%

Reduced variation in weight to weight processes saves time.



AlphaAutomation is being utilized to drive Consistent, Predictable, and Repeatable performance resulting in lower well construction costs.