

PROJECT HIGHLIGHT

Routing the Rockies: A CORE Linepipe® and Purnell Energy Collaboration



Based out of Grande Prairie, Alberta, Purnell Energy Services Ltd. (PES) provides high quality project management and construction services. PES maintains a strong reputation working across Alberta, British Columbia, and Saskatchewan.

Location

Kakwa, Alberta

Installed

Winter/Spring 2021

Project Duration

98 Days

Application

Produced Water

Pipeline Length

77,500 ft/23,622 m

Products Used

CL648 YJ2k

Client Values

- CORE provided a cost effective, safe, and efficient installation given many challenging variables and conditions.
- CORE's low operational cost and zero in-service failures helped the client achieve their corporate ESG initiatives.

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“Over the last 6 years Purnell has had the pleasure of working with CORE Linepipe and has been successful installing sizable lengths in the Grande Prairie area for various clients.

This project was one of the larger segments we have installed and although it was in some challenging terrain and had some significant HDD crossings, installation was made easy with an exceptional crew.”

Nathan Purnell
President & CEO
Purnell Energy Services

The Challenge

Northwest of Grande Cache, Alberta, resides Kakwa Provincial Park. Home to Kakwa Falls and mountainous landscapes, PES was required to transport corrosive produced water across highly sensitive land.

Being alongside the Alberta/British Columbia border would result in continuous elevation changes and complex routing conditions. Not to mention, navigating winter and spring weather conditions.

Solution

Based on strong reputation and shared values of ESG, CORE Linepipe® and PES were the appropriate match to meet the needs of the client.

In 98 days, PES and CORE Linepipe® built a 77,500 foot (23,622 meter) pipeline system consisting of CORE's CL648 YJ2k product.

This project required an extremely durable product with modular, automated installation. Product performance and total lifecycle cost was paramount in the product selection process.

