Mainline Pulldowns

2016-2023

ENGINEERING

EQUIPMENT RENTAL

CONSTRUCTION

OPERATIONS

DEMOBILIZE

PROJECT OPPORTUNITY

Pipeline maintenance is a necessary and important part of ensuring the safe and reliable transportation of natural gas. To perform maintenance, sections of pipeline are isolated and depressurized in a process known as a "blowdown". During a blowdown, the contents of an isolated section of the pipe are often lost to atmosphere. This represents a loss in revenue and a significant source of emissions.

As part of meeting their sustainability goals, the client wanted to find a way to reduce emissions in this common industry scenario.

ROSKA DBO SOLUTION

In response to our client's need, Roska DBO proposed a pipeline pulldown system that uses a compressor to draw the natural gas out of an isolated section of pipe and inject it into an adjacent segment or pipeline. This prevents natural gas from being vented into atmosphere during maintenance.

Since 2016, Roska DBO's pipeline pulldown system has conserved 2.8 BCF of natural gas from 1790km of pipeline.

ROSKA
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"I know I get the right answers when I call Roska."

- Client On-Site Representative

PROJECT SUCCESS

Since 2016, Roska DBO's pipeline pulldown system has conserved 2.6 BCF of natural gas from 1790km of pipeline and has been successfully deployed at multiple sites throughout British Columbia.

Roska's ability to supply all the temporary compressor equipment and temporary flanged piping played a crucial role in the success of this project. In addition to fit-for-service equipment, Roska also supplied the additional engineering, construction, and operations support needed to mobilize the equipment on site in accordance with the client's maintenance schedules. Once the maintenance was completed, Roska personnel were on hand to dismantle the pipeline pulldown system and return the site to its original functionality.

EQUIPMENT PROVIDED

- HP GAS COMPRESSOR TRAILER PACKAGE
- TEMPORARY FLANGED B31.3 PIPING

ROSKA TEAM

PROJECT MANAGER
Keith Moore

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Curtis Moore

SENIOR PROCESS ENGINEER
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