



# Weatherford®

## REAL RESULTS

### Thru-Tubing Motor Gets the Job Done, Despite Extreme Canadian Conditions

#### Objectives

- Drill out one composite bridge plug.
- Mill underbalanced, using N<sub>2</sub> (400 SCFM, or 14 m<sup>3</sup>/min) and H<sub>2</sub>O (15 GPM, or 55 L/min)

#### Results

- Job was completed in one run.
- No elastomer stator damage was incurred.
- All tools passed post-job inspection and redress criteria.

#### Value to Client

- Milling was successfully completed, without complications.
- Use of N<sub>2</sub> did not result in any additional redress costs.
- Use of INCONEL® CTD® motor and BHA reduced the risk of material failures that can plague operations in such harsh environments.

**Client**

Shell Canada

**Location**

Canada

**Formation**

Limestone

**Depth**

12,992 ft (3,960 m)

**H<sub>2</sub>S**

14%

**CO<sub>2</sub>**

20%

**Tubing**

3-1/2 in. (88.9 mm)

**Products/Services**

CTD motor

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