



# **ENERFLEX**

The Single Source

## **200 MMSCF/D TWO-PHASE SOUR GAS PROCESSING FACILITY, CANADA**

**Enerflex is awarded process modules due to a single source solution**

### **PROJECT OVERVIEW AND CHALLENGES**

This project consisted of supplying equipment and commissioning for a large two-phase sour gas processing facility. Driven by the continued development of the Montney gas play, this plant was constructed to process raw natural gas from the South Peace region to meet the scale, scope, and timing of the customers' processing needs. The project involved the construction of a double train gas processing plant featuring inlet separation, hydrocarbon dewpoint plant, amine plant, acid gas dehydration, condensate stabilization package, compressor facilities, and a vapour recovery unit.

### **UNIT LOCATION**

**Dawson Creek, British Columbia, Canada**

### **ENERFLEX SOLUTION**

Enerflex was awarded the process modules due to the Company's ability to manufacture and deliver a wide range of products and services. The engineering, design, and manufacturing were performed at Enerflex's location in, Alberta, Canada. In the first phase, equipment included a 100 mmscf/d hydrocarbon dewpoint plant, amine plant, an inlet separator, an electric motor drive vapour recovery compression package, an acid gas dehydration package, a 1,150 horsepower electric motor drive acid gas compression package, and a condensate stabilizer package. In the second phase, Enerflex provided an additional 100 mmscf/d amine plant and hydrocarbon dew point plant. Raw natural gas is processed at the plant, meaning that CO<sub>2</sub>, natural gas liquids and H<sub>2</sub>S are extracted. The H<sub>2</sub>S and CO<sub>2</sub> removed at the plant is blended with plant inlet gas and transported to the South Peace Pipeline for processing at the McMahon Gas Plant. The processed sales gas is then transported via a short sales gas pipeline to the Nova Gas Transmission Groundbirch Pipeline.

### **CONTACT DETAILS**

#### **ENERFLEX**

4700 47<sup>th</sup> Street SE  
Calgary, Alberta

+403.291.3438

[info@enerflex.com](mailto:info@enerflex.com)

[www.enerflex.com](http://www.enerflex.com)