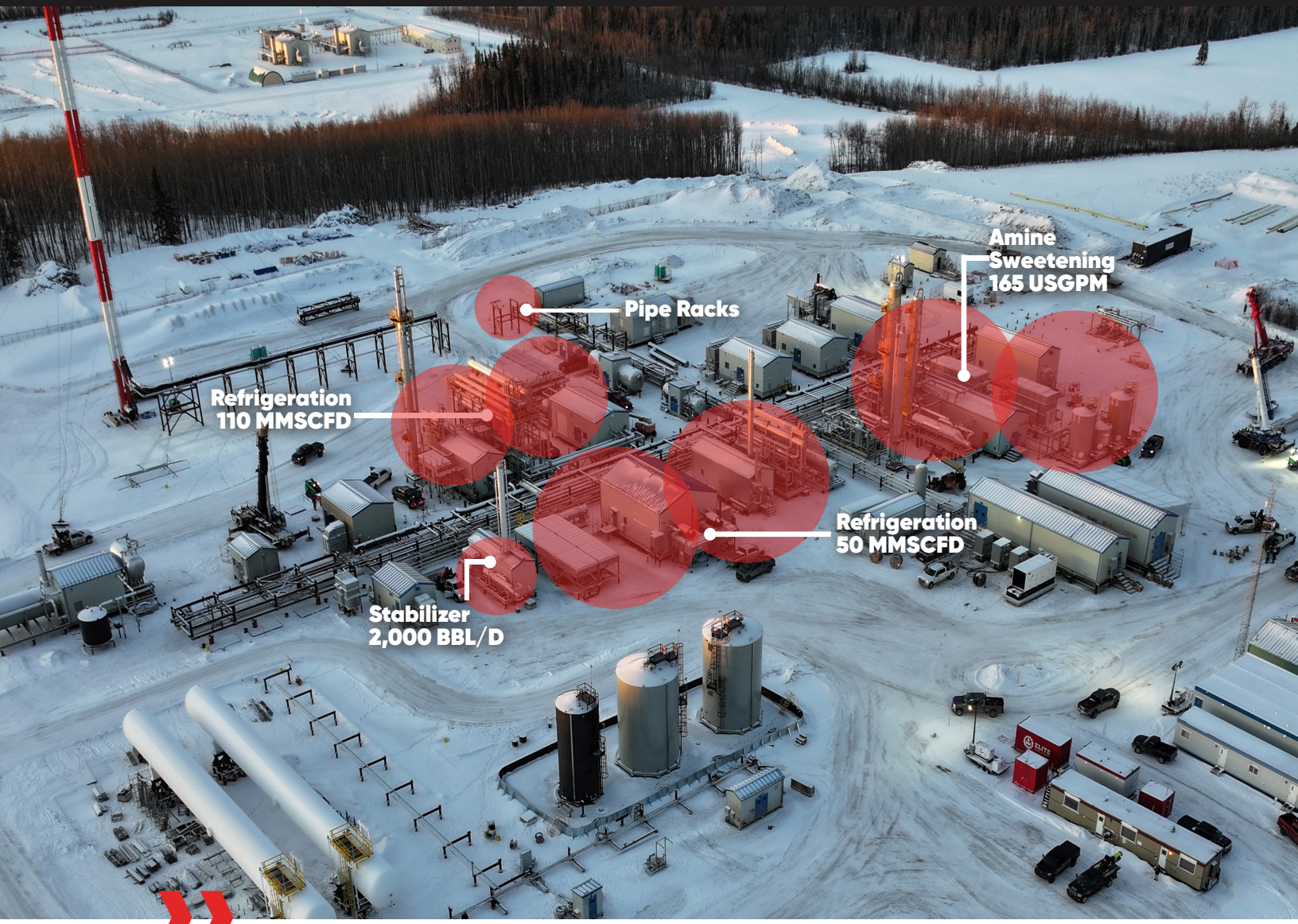




# Project Profile

110 MMSCFD Gordondale West Gas Plant



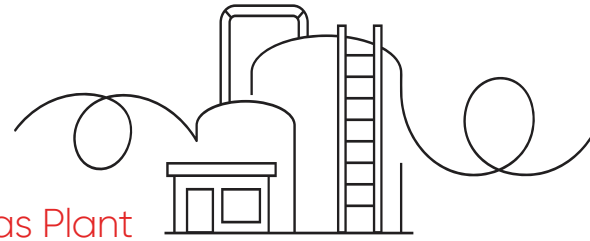
**Project:**  
Gordondale West Gas Plant  
**Customer:**  
A Midstream Operating Company

**Location:**  
Alberta, Canada  
**Year:**  
2024



# Project Profile

110 MMSCFD Gordondale West Gas Plant



## Objective

To design and manufacture modular gas processing equipment to process 110 MMSCFD of raw sour inlet gas into sales gas, sales natural gas liquid (NGL), and sales condensate at the Gordondale West Gas Plant.

## Solution

### ALCO's Role:

ALCO designed, manufactured, and supplied the below mentioned modular products and services for this gas processing facility.

### Products Supplied:

- **Condensate Stabilization:** To produce high-quality sales condensate (C<sub>5</sub>+) 2000 BBI/D.
- **Amine Sweetening:** For H<sub>2</sub>S and CO<sub>2</sub> removal; amine circulation rate of 165 USGPM.
- **Ethane Refrigeration:** 110 MMSCFD with refluxed De-Ethanizer section for efficient

recovery of ethane & other valuable hydrocarbons. Features two 50% 1250 HP electric screw compressors for reliability and redundancy.

- **Propane Refrigeration:** 50 MMSCFD design for additional gas processing capacity.
- **Pipe Racks & Interconnecting pipes:** Between packaged modules.

## Conclusion

All skid packages and pipe racks were delivered on-time and installed at site (*installation by client*).

**110**  
**MMSCFD**  
Inlet Gas Flow Rate

**4 PPM**  
Maximum H<sub>2</sub>S Content

**95%**  
LPG (C<sub>3</sub>+) Recovery

**105.8 MMSCFD**  
Sales Gas

**1,045 BPD**  
Condensate (C<sub>5</sub>+)