



ZJT Plants NGL Extraction/Hydrocarbon Dew Point Control

Zephyr Gas Services, LP ZJT NGL Extraction / Hydrocarbon Dew Point Plants are designed to recover valuable hydrocarbon liquids while preparing the gas to meet required pipeline specifications. The ZJT is also designed for high pressure remote well service where common-point gas gathering facilities are not available. The ZJT is self contained and compact, minimizing valuable real estate. Also, as an option ZGS offers a skid mounted 18,000 gallon NGL Tank for product storage.

The ZJT provides wellhead hydrocarbon dew point control through the JT effect via the expansion of the inlet gas stream. The system is designed to meet most pipeline hydrocarbon dew point specifications where sufficient pressure drop is available. The ZJT Plant condenses and removes the heavier hydrocarbon components in the inlet gas stream reducing the GPM content of the gas. The amount of liquid hydrocarbons recovered is a function of gas composition, temperature, and pressure drop across the JT valve. Contaminants in produced natural gas make it undesirable for pipeline transportation and commercial use.

The ZJT consists of; gas/gas heat exchanger, NGL exchanger, hot gas by-pass, expansion valve, methanol pump and a cold separator.

The ZJT Advantage and what that means to you:

- Increased revenue...extracts valuable NGL adding to your revenue stream
- Pipeline Transportation...the ZJT is designed to meet the required Hydrocarbon Dew Point
- Efficiency...increases gas capacity in the downstream pipeline
- Mobility...great option for remote locations where common-point gas processing facilities are not available

What We Need to Know

- Gas Analysis
- Sales Line Pressure
- Gas Flow Rate
- Inlet Gas Pressure
- Inlet Gas Temperature
- Pipeline Specifications For Hydrocarbon Dew Point

