



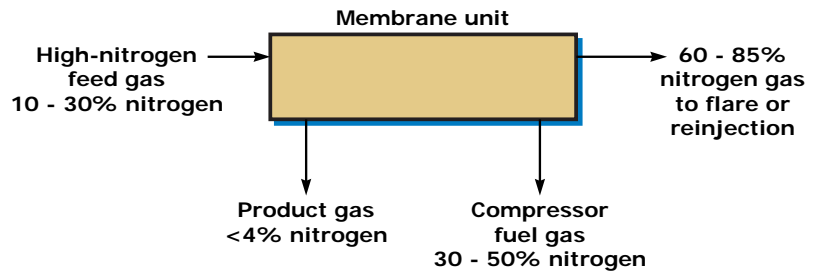
## CASE STUDY: Nitrogen Removal From Natural Gas

### Client's Problem

The client needed to reduce the nitrogen content of a natural gas stream from 24% to less than 4% to meet pipeline specifications.

### MTR's Solution

MTR provided a membrane system that produced 35-psia pipeline-spec natural gas; total hydrocarbon recovery was greater than 90%. The client later changed pipeline companies and required product gas at 350 psia. MTR modified the system in the field, allowing the client to extract maximum value from the gas without using additional equipment.



*Installation of a wellhead N<sub>2</sub> removal system*