

QHePP - Quantum Helium Production Plants



Quantum Plant in Saskatchewan, first production plant in Canada in 40 years, started in 2014

Features:

- Quantum utilizes own technologies to refine helium from different types of wells
 - Inert gas wells
 - Hydrocarbon-based wells
- Quantum production plants are fully automatic, unmanned/lightly manned
- Quantum can produce low-purity, high-purity gas or liquid products.
- Quantum owns its own fleet of tube trailers and delivers helium to its customers all across North America
- Range of plants between 1 and 200MMscfd raw gas with more than 0.1%He content.
- Quantum works with customers on a Build-Own-Operate (BOO) or Sale-of-Equipment (SOE) basis.



HMI for the first Quantum production plant – plant runs essentially unmanned

Components:

- Quantum production plants use both room-temperature and cryogenic purification processes to refine to desired purity.
- Thus, Quantum plants integrate membrane technologies, PSA/VSA/TSA proprietary combinations.
- When liquid is required, Quantum integrates own or third party liquefiers (turbine or piston).

If you have a helium-bearing source,
Quantum may have a solution for you.

Call +1 604 222 5539 to connect with our technical/sales staff