

RODI systems

Project Photos

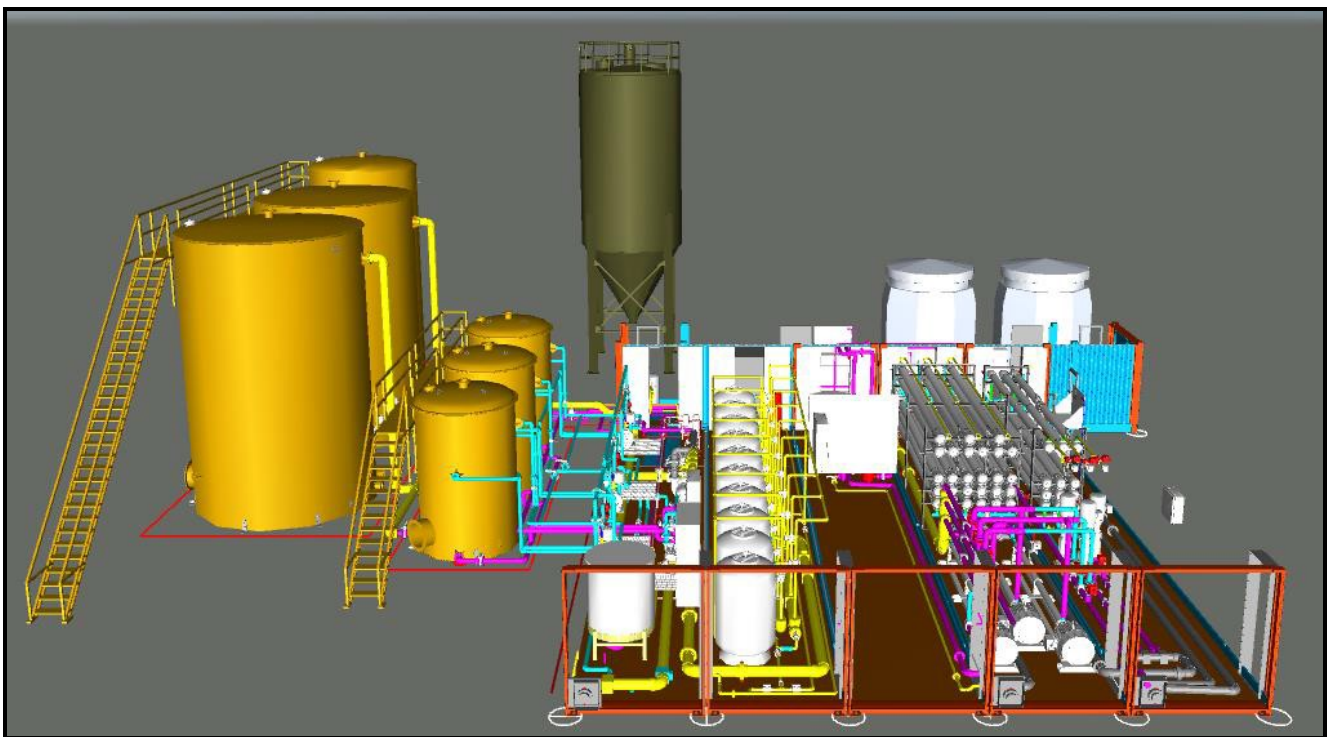
Project Information

Client: North American Natural Gas Production Company

Location: Western Colorado, USA

Application: Desalination of Produced Water from Natural Gas Wells

Description: The project entailed the design and construction of a modular reverse osmosis desalination plant capable of treating 15,000 barrels per day (630,000 gallons per day) of produced water (20,000 ppm TDS). Treated water will be discharged under an NPDES permit.



The modular system was built inside of six 53 ft intermodal shipping containers. The system is comprised of extensive pretreatment steps ahead of a two-pass reverse osmosis system. The pretreatment includes lime softening, ceramic microfiltration, and carbon adsorption. The entire system was designed and installed in less than eight months after receipt of the customer's order.

