



PLC
CONSTRUCTION
inc

Condensate Stabilization Upgrade Gas Plant

Vernal, UT

Project Experience: Process/Mech Engineering, I&E, Structural, & Control Systems



PLC has supported/expansion Gas Plant projects like this for over the past 10+ years.

Engineering and Design Services:

- **Civil Engineering**
 - Civil/Structural Engineering Solutions
- **Mechanical Engineering**
 - Expertise Engineering Solutions
 - Installed 5,000 BPD NGL/Condensate Stabilizer
 - Procurement Support Services
- **Automation & Electrical**
 - Proven I&E Engineering Solutions
 - Control System Integration & onsite Commissioning Support
 - SCADA / Programing
 - C&E Review through startup

Construction:

- **Expansion Plan**
 - Construction of Foundations
 - Install of Flash Gas Compressors, OVH Gas Compressor, Inlet Pre-Heater, 3-Phase Separator Vessel, VRU, Closed Drain Vessel, & transformer.
 - Tie-in to discharge product into existing NGL production handling system

Engineering And Design (UTAH)

PLC's Engineering Services division deployed a multidisciplinary team comprised of process/mechanical, structural, electrical, instrumentation, and control systems engineering and design professionals to complete the list of deliverables for this project.

We provide our clients with solutions. We use the latest technologies in our detailed multidisciplinary designs. Our drawing package included foundations, structural steel, pipe routing and connections, and electrical power and control systems.

In parallel, PLC developed work plans and HAZID reviews, supporting proper shut-down planning activities. As detailed engineering nears completion, PLC supports our client in its construction efforts by providing IFC packages and scope of work descriptions for each major construction trade (i.e. foundations, mechanical, electrical & controls).

Project alignment and collaboration are key in any project PLC oversees; weekly communication with our clients is a priority, as well as scheduled design reviews. (i.e. 30%, 60%, 90% design reviews). An added benefit is our laser scan technology; PLC can lead a virtual version of the plant working areas during such reviews.

Vendor Document Reviews were also included in our execution strategy for this project. PLC successfully coordinated the review of all vendor documentation, soliciting our client's input, and returned all comments to various vendors in a timely manner.

We are happy to discuss our past experiences further and take a deep dive into the details.

Reach out for a quote! We look forward to discussing how we can create a solution that works for you!

936.336.5652