

Integrated Expertise For Permian Gathering System Commissioning

Planning and project management across a single source provide bundled solutions that deliver cost effective and schedule sensitive services for three separate Central Gathering Facilities (CGF's) on an expedited timeline for first oil.

SCOPE OF WORK

Commissioning Support Services:

- Hydraulic Bolting
- Nitrogen Leak Testing, Hydrostatic Pressure Testing
- Dewatering, Desiccant Drying
- Project Management

PLAN OF EXECUTION

1. **Project Planning**
 - a. Expedited planning and mobilization
 - b. Schedule coordination
 - c. On site project management support
2. **Scope Execution**
 - a. Hydraulic Bolting and Flange Management System coordination
 - b. Hydrostatic pressure testing and test package management
 - c. Dewatering and drying to achieve operator specification
 - d. Coordinate and deploy work crews per competency in relation to the tasks performed and for the reduction of non-productive time (NPT)
 - e. Manage daily operational changes to meet the needs of the client due to schedule dependencies and general contractor work completion

TECHNICAL ACHIEVEMENTS & BENEFITS

- Successful integration with end user and general contractor management, consultants, and field personnel
- Provided in-house, integrated services
- Provided integrated management and project controls
- Projected completed with zero incidents and with no environmental impact
- Provided back office and on-site expertise at reading and interpreting P&IDs along with creation of a flange identification/mapping system and creation of test packages
- Documented flange data and torque values for 7,000+ flanges spanning three facilities
- Achieved zero leaks upon work completion
- Increased field labor staff to meet the needs of the client for adding multiple sites and working 24-hour shifts

LOCATION

Texas

SPECIFICATIONS

Operator Type: Midstream
Facility: Gathering
Hydrocarbon Type: Liquids

CHALLENGE

- (3) Three Central Gathering Facilities
- Flange and piping management system
- 40+ Test packages that required review and approval (per facility)
- 7,000+ flanges
- 400+ individual piping systems ranging from 2" – 24" (per facility)
- 140+ P&ID's (per facility)
- SIMOPS with civil, mechanical, fabrication, utility, I&E, and compressor contractors required work zone identification and workflow mapping
- 24-hour schedules
- Remote work sites