

Wood Group Capabilities
in the Permian Basin

Safe, Predictable, Cost
Effective Life Cycle Services.



Permian Expertise

Wood Group has been successfully executing projects in the Permian since the early 1990's. Please refer to our representative projects depicted on the right.

At peak, we have employed over 1,000 resources in the Permian, and can expand our manpower using both local labor and our 10,500+ strong US workforce for specific project work.

We have full construction capability including; civil, structural, piping, electrical and instrumentation. In addition, we provide operational support to many of the operating companies in the Basin; our staff includes plant operators, field operators, and plant maintenance personnel.

Project Highlight: Permian Program

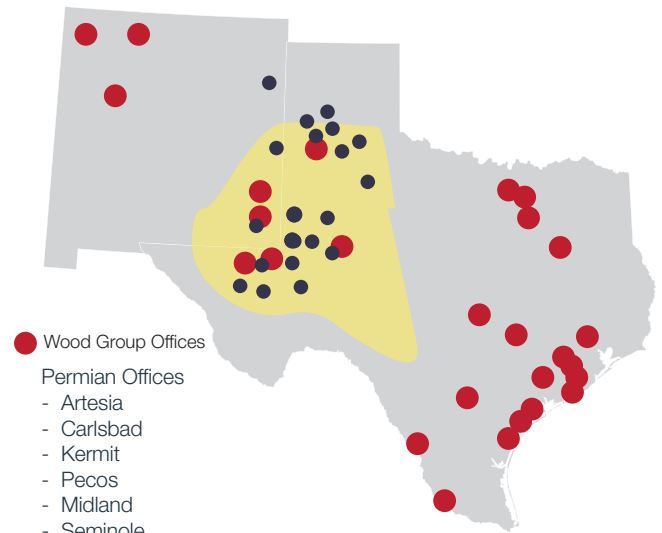


These projects are part of ongoing multi-year program work for a confidential client, and began in 2011. The program is focused on small capital projects associated with CO₂ enhanced oil recovery facilities. Scopes include: FEED, detail design, procurement, vendor inspection, and construction support for upstream oil and gas surface facilities.*

To reduce cost and schedule, we implemented the following:

- Standardized program project execution processes
- Standardized specifications to match client's engineering requirements
- Standardized equipment designs to facilitate engineering and procurement
- Retained a highly experienced engineering and design staff to provide historical knowledge and experience base
- Maintained excellent communication and a positive working relationship with the client team

**The majority of these facilities also constructed by Wood Group*



- Andrews County, Texas
 - Emma Field Development
 - San Andres GCF Unit Liquids Recovery Study
- Clayton, New Mexico
 - Meter Station
- Denver City, Texas
 - Yoakum Wasson Clearfork Unit
 - Willard Unit CO₂ Recovery
 - Denver Unit Battery 5 Redevelopment Phase 2
- Eddy County, New Mexico
 - El Puente Pipeline
 - RKI New Mexico North Pipeline
 - Rose Unit for Navajo
- Gaines County, Texas
 - West Seminole CO₂ Injection Project
 - Seminole Pipeline
 - Denver Unit CO₂ Recovery Plant (DUCRP)
 - Seminole Gas Processing Plant (SGPP) Expansion
 - West Bravo Dome Development
- Hobbs, New Mexico
 - South Hobbs NRU Emission Reduction
 - North Hobbs Unit MOC & ROZ Injection, NGL, CO₂, CO₂ Expansion, NGL Automation and West Injection Battery
- Howard County, Texas
 - CO₂ Flood Luther Development
 - Carbon Black Plant Expansion
- Levelland, Texas
 - Levelland Loop Line (Pipeline)
- Maybee Ranch, Texas
 - Maybee Ranch
- McCamey, Texas
 - South Cross Unit Battery #6 Compression Addition
- Midland, Texas
 - West Texas NGL
 - Spraberry Pipeline
- Odessa, Texas
 - Goldsmith Landreth Deep Unit (GLDU)
 - Oil Railcar Transload
 - Odessa Terminal
- Pecos County, Texas
 - Sandridge Century Gas Plant
- Reagan County, Texas
 - Merchant Central Tank Battery Project
- Reeves County, Texas
 - Waha Storage Facility
 - Ramsey 4 and 5, 200 mcfpd cryo plants with amine
 - Ramsey 6 200 mcfpd cryo plant
 - Ramsey Inlet Stabilizer and Backbone
 - Red Bluff Compressor Station (5 31 16's)
- Sharon Ridge, Texas
 - Sharon Ridge Expansion
- Slaughter, Texas
 - Slaughter Gas Plant Isolation Blowdown
- Snyder, Texas
 - Sharon Ridge Expansion Phase B
- Sundown, Texas
 - Mallet 3 CO₂ Recovery Plant and Follow-On Engineering Pipeline Project
- Winkley County, Texas
 - Pipeline System Wink Snyder Texas
 - Cryogenic Gas Process Plant Expansion



Safety and Assurance

We passionately care about the safety of our clients and behave as safety leaders. We are committed to preventing injuries and ill health to our clients, our people and those we work with so everyone returns home safely.

Permian Capabilities

All Wood Group companies are supported by common core values including HSSEA, and operate across the oil, gas, chemical, petrochemical and power life cycle, covering design, construction, operations and maintenance.



Construction or Construction Management



Pipeline & Pipeline Field Services



Operations & Maintenance



Engineering



Procurement/Supply Chain



Automation & Control

Construction

- Direct-hire construction services, including specialty craft (civil, I/E, decommissioning) and full EPC project solutions
- Self perform all phases of construction including: civil, mechanical, instrumentation, electrical, pipeline, paint, insulation, and building erection

Fabrication

- In-house pipe fabrication facilities
 - 135,100 ft² state-of-the-art facility
 - ASME codes A, U, PP, S and R
 - Carbon, stainless and alloys
 - Full QA/QC program
 - Schedule control
 - Welding processes - GTAW, GMAW, FCAW, SMAW and SAW on all carbon steels and alloys
- In-house measurement services
 - Measurement equipment (gas and liquid)
 - Motor control centers and control buildings
 - Regulator and valving skids
 - Gas and oil field production equipment
 - Chromatograph buildings
 - Structural steel fabrication
 - API and ASME pipe fabrication

Automation & Control

- Independent provider of turnkey automation & control solutions from early design through to complete commissioning and start-up

Operations & Maintenance

- Pre-operations planning, production O&M management, maintenance planning and scheduling, construction supervision, and inspection
- Maintenance/overhaul of compressors, pumps, generators, and rotating equipment
- Embedded plant resources including: consultants, operations personnel, and fleet management

Pipeline

- Full-service pipeline systems consulting with expertise to manage and implement any part of a pipeline or associated facility projects
- Providing a complete spectrum of field services including: survey, geographic information systems (GIS), multi-user enterprise geodatabase (ArcSDE), map drafting, environmental permitting, right of way and permitting, construction management, and inspection
- Pipeline construction

Engineering

- Unparalleled experience with facilities across the industry, providing project services from feasibility studies and concept development to completion of oil and gas projects ranging from well pad designs and gathering facilities to pump and compressor stations, oil and gas treating, NGL recovery and storage facilities, and water management



WOOD GROUP



Contact us for:

- Engineering & Design
- Construction
- Pipelines
- Production Operations & Maintenance

Permian@woodgroup.com

Construction Capabilities

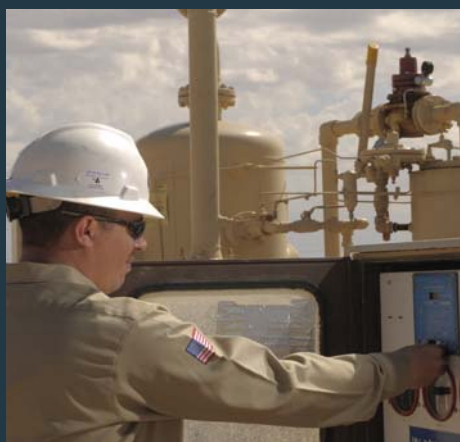
- Civil
- Mechanical
- Instrumentation
- Electrical
- Pipeline

Operations & Maintenance

- Pre-planning
- Production
- Management
- Planning & scheduling
- Construction supervision & inspection
- Maintenance
- Embedded plant resources

Facilities

- Gas plants
- Tank batteries
- Gathering systems
- Storage facilities
- Produced water disposal
- Well factory programs



For information contact:
permian@woodgroup.com

Wood Group
6 Desta Drive, Suite 3350
Midland, Texas 79075
432-684-0036

www.woodgroup.com
092017

