Well Testing

Greene’s offers the winning combination of decades of knowledge gained in the field and technologically advanced equipment to deliver a complete line of well testing, flowback and production solutions to our customers.

Our professionals will meet with you in advance to custom design the correct package of equipment and services needed to meet your particular requirements and successfully execute the project. Whether it’s performing toe-prep, frac support, drill-out, flowback, well control operations or production support, you can count of Greene’s to be there with the right people and the right equipment.

Our expert well testing services include:

- Electronic Gas Measurements
- Electronic Fluid Measurements
- API Gravity Monitoring
- Chloride Readings
- Real-time Reporting
- Low Emission Capabilities
- Hydraulic Choke Equipment and Services

When you are performing a well test to understand the characteristics of the reservoir, you need accurate data. You also need equipment that is fit for purpose. Greene’s well testing delivers solutions from short-term flowback to permanent production. As one of the largest well testing companies in the United States, Greene’s Energy Group has the equipment, the personnel, and the knowledge to deliver solutions whenever and wherever you need them.
Well Testing Equipment

Quality well testing equipment is equally as crucial as a knowledgeable service provider. Greene’s offers a complete fleet of well testing equipment to best service drilling, completion and intervention, and production operations including:

Some of our well testing equipment includes:

- Flowback Manifolds
- Three-phase, HP, High Volume Separators [High/Low and Liquid Level Shut Downs]
- Low Pressure Separators
- Sand Separators
- Line Heaters ESD Valves
- Flow Tanks
- Flare Stacks
- Generators, Light Towers
- Piping
- Flow Iron
- On-site Living Quarters

Best-in-Class Equipment

- Greene’s has one of the largest fleets of 3 phase HP separators that has been designed to deliver on a customer’s application. Greene’s largest separator available is described below.
  - Jumbo 620 - 3-phase separator that sits 20’x6’ and has a pressure rating of 1,440 psi – the highest in the industry.

- Greene’s has invested in the largest fleet of best-in-class sand separators to fit the widest range of applications in the market. The newest of these fit-for-purpose sand separators are described below:
  - Sand Hog 5000 - Spherical Separator with a pressure rating of 5,000 psi and sand capacity of 100 lbs.
  - Defender 5500 - Spherical Separator with a pressure rating of 5,700 psi and sand capacity of 300 lbs.
  - Cyclonic 10000 - Cyclonic Separator with a pressure rating of 10,000 psi MAWP and sand capacity of 100 lbs.
  - SDI Desander - Horizontal Separator with a pressure rating of 5,000 psi MAWP and sand capacity of 800 lbs (we are a certified service supplier).
You Require. We Respond.

**Greene's Laboratory Services**

Greene's laboratory services include gas chromatograph analysis (through C11+), hydrocarbon liquids analysis (through C31+), and brine water analysis via ICP and ASTM D-86 distillation of stock tank HC liquids. In addition, we provide field sampling services by highly trained lab personnel.

Greene's professional technicians use the most advanced gas chromatography analysis tools. The average turnaround time for sample analysis is 48 hours, but Greene's also offers same-day lab analysis when needed.

**Flowback Testing and Services**

Whether in completion or production, Greene's can clean out your well and remove destructive produced sand before you assign the well to permanent production.

Our flowback equipment used in testing is calibrated and tested to ensure reliable results in the field. We know you depend on well testing and flowback results to make your plans, so Greene's works hard to ensure our clients are delivered accurate and timely results.

**Hydraulic Choke Services**

Greene's Hydraulic Choke Services has developed equipment that withstands the most arduous applications. Our Choke Service applications include snubbing, coiled tubing drill-out, frac support and extreme flowback.

Greene's array of Hydraulic Choke equipment includes:

- Hydraulic Chokes [2-1/16” 15,000 WP & 3” 10,000 WP Dual Choke Manifolds]
- 3” & 7” 10k WP Plug Parts Catchers
- Hydraulic Control Trailers
- Hydraulic Service Trailers
- Flowline Packages

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Some of the laboratory services offered by Greene's include:

- Hydrocarbon Analysis
- Condensate/Oil Analysis
- Water Analysis
- On-site Sampling
Greene’s technologically advanced, fully integrated solutions combine high-pressure, high-volume sand separators with ultrasonic monitors that enable us to provide customized data analysis used by customers to plan and execute their well testing jobs better.

Greene’s sand management solutions lower customers’ overall costs by ensuring on-site equipment and personnel match work associated with sand and stream production. As the well cleans up, real-time monitoring and alarms enable personnel to be deployed regularly or only when required rather than maintaining a constant presence at the wellsite.

**Integrated Sand Production Management Solutions**

**Specific Deliverables:**

- Sand & 3 Phase HP separation equipment is sized based on pressure rating required, maximum sand per day expected, maximum volumes of liquid and gas expected, GOR, size of frac proppant and tolerance for sand bypass.

- Crew sizes are based on complexity of work required from separating sand, managing stream separation, site management and facility well watching requirements.

- As production rates & sand production decreases, changes to the required equipment are planned and implemented using high-volume sand separators providing sand separation efficiency and maximizing time between sand dumping.

- As the facility comes on line, facility well watching may be required and wellsite separation equipment and personnel requirements may change.

- As the well cleans up, sand monitoring technology can be used to reduce or eliminate constant personnel on site. Customers will use the monitors to measure the sand, and field personnel available will dump the sand separators as required.

- Rapid response to sand events keeps sand management equipment operating at peak efficiency, reducing the amount of sand that bypasses equipment and mitigating the potential for damage to permanent equipment.

- The ability to track, record and analyze sand flow in conjunction with well flow data allows customers to optimize completion design.

**Focus on Safety**

At Greene’s, safety is our first priority. Experience, knowledge, responsiveness and attention to safety have made Greene’s Energy Group an industry leader. This mission guides the company’s growth and expansion plans for all of its energy service businesses. Protecting the health and safety of our people and the public, preserving the environment and preventing damage to property are paramount.
You Require.
We Respond.

Greene’s Energy Group offers a range of services to the oil and gas industry. We are a completions and production-focused business servicing our Customers in the Permian Basin, South Texas and other serviceable locations.