PSI ENERGY PRODUCTION SERVICES

a little bit about the

COMPANY

PSI Energy Production Services specializes in operating advanced flowback equipment and offers a variety of production testing and flowback services throughout the U.S.

The company was initially organized in Cheyenne, Wyoming in October of 2011 in response to the continued growth and demand within the oil and gas industry for a high quality and technically oriented production testing and flowback company.

The cornerstone of our organization is our relentless commitment to safety and our ability to merge state-of-the art technology with the skills of a highly trained and motivated workforce to provide our customers with unparalleled services and results.

Importantly, whenever we undertake a project, we manage and operate our assets in a manner consistent with our core values to to comply with applicable EH&S laws, regulations, and internal standards.

PSI ENERGY PRODUCTION SERVICES

PSI Energy Production Services merges cutting-edge technology with the drive, training and expertise of each individual employee to provide the safest, most progressive production testing and flowback operation in North America. Our overarching commitment is to provide responsive, best-in-class service to our customers. PSI accomplishes this objective with a relentless pursuit toward employee excellence and a focus on SAFETY as the first and primary consideration in all operations.

WHAT WE DO

As part of its customer focus and commitment, PSI Energy Production Services exploits technological innovation to provide an array of production testing and flowback services for well production through to completion. This includes simultaneous operations in conjunction with frac, work-over, coil tubing, and wireline services.

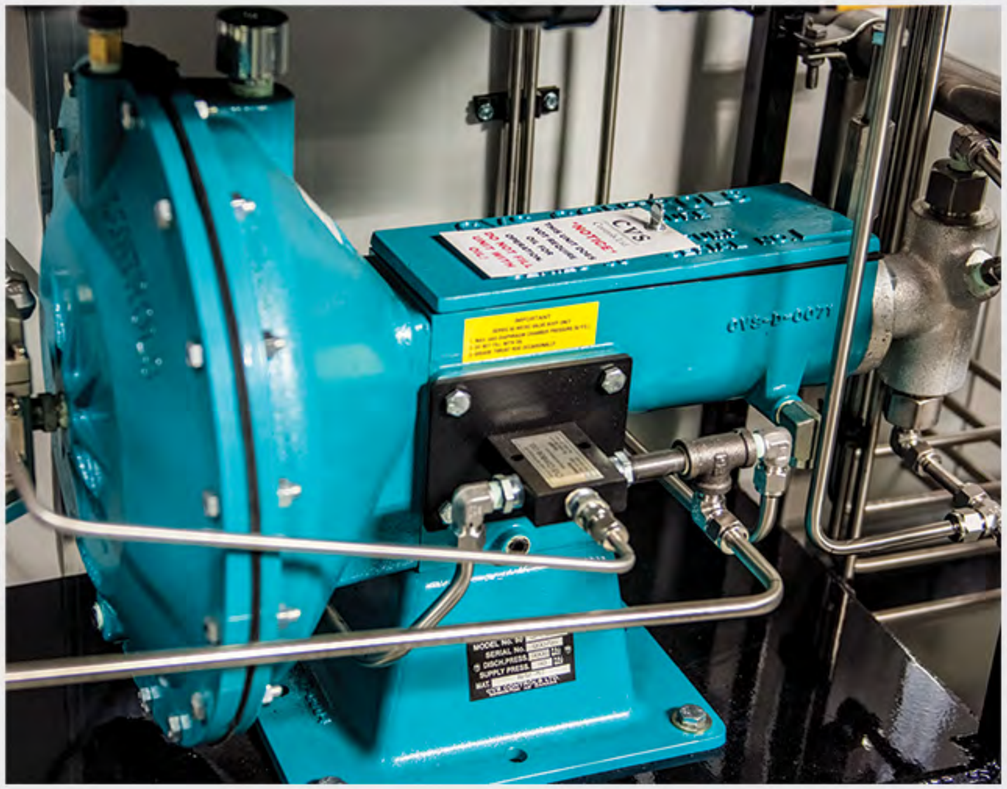
Production Testing & Flowback

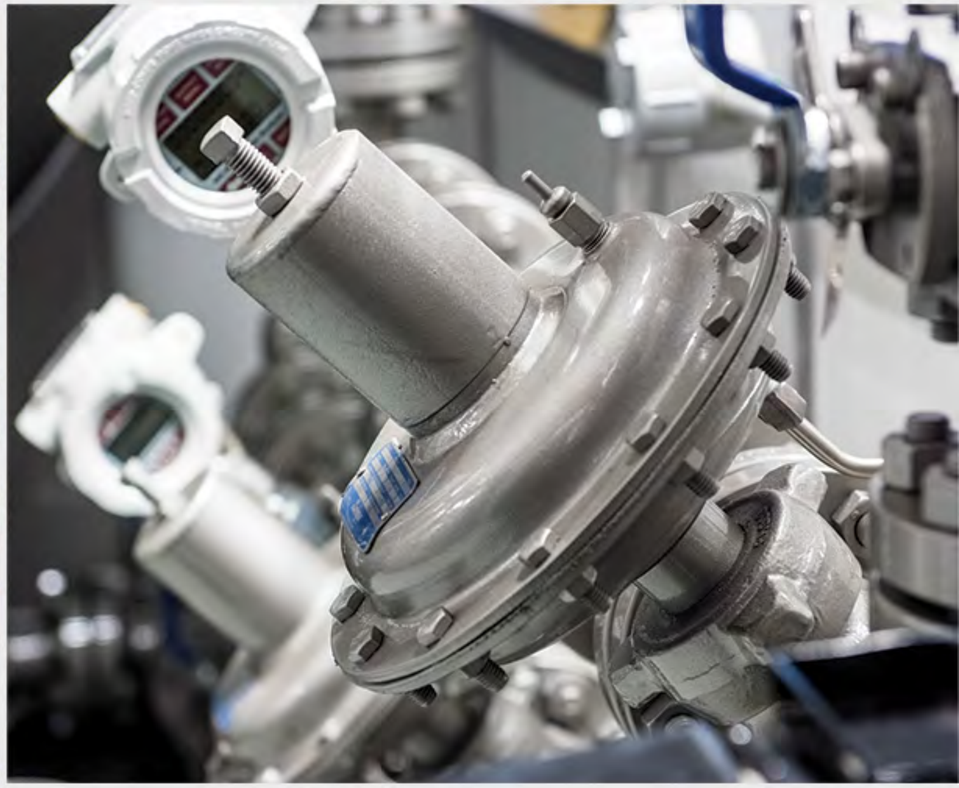
Services

PSI Energy Production Services provides an array of production testing and flowback services for well production through to completion. This includes simultaneous operations in conjunction with frac, work-over, coil tubing, and wireline services.

- Well data collection and analysis
- In-line well testing and sampling
- Frac screen-out flowback support
- Single and multi-stage frac flowback support
- Frac ball recovery
- Well and pipeline flaring
- Material balanced metering of gas and liquids
- Vessel operating pressures to 1,000 psi
- Bleed offs
- Circulation and stimulation flowback control
- Well drill-out and clean-out support
- Computer generated electronic and web based reporting
- Daily in-house and client based conference calls

PSI is committed to safety, quality, reliability, and to providing our customers with a comprehensive "Best-In-Class Service at a Competitive Price".





500 PSI

Production Testing Package

Vessel:

Four phase, high-volume, high-pressure inline frac-recovery test unit

Working Pressure: 500 psi @ DT -50°F to +500°F

Designed and fabricated as per ASME

National board registered

ASME "U" stamp

Post weld heat-treated for sour service

300# nozzle schedule

Solid weir 50% ID

Oil box 3m3

Volume: 18.0 m3

Flow line:

ANSI B31.3 certified

2" Welded schedule 160

Sour service

Rated to 10,000 psi

NACE certified/ post weld heat-treated for sour service

Manifold:

MSI dual choke five valve plug manifold and 2" bypass

ANSI B31.3 certified

2” welded schedule 160

NACE certified/ post weld heat-treated for sour service

Single or dual - adjustable & positive choke beam options

Rated to 10,000 psi

Metering:

Falcon flow analizer (Primary Metering)

Liquid and gas (Sales and Flare) totalizer inputs

Pneumatic dumps, turbines and sampling points for inline work

Barton gas meter (Secondary Metering)

1-4" (101.6mm) V-cone® flowmeter for high gas rates

1-1.5" (38.1mm) V-cone® flowmeter for low gas rates

Data Features & Benefits:

Fekete and customer generated well data submissions (various formats including Excel and PDF)

12 Hour computer generated electronic and web based reporting - 0600 and 1800 reporting

Daily in-house and client based conference calls

Oil data logging office trailer with satellite integrations

50 foot portable flare stacks

5,800 psi hydraulic operated sand traps

10,000 psi trailer mounted debris/junk catcher

PSI Production Testing Package

Portable Screen-Out Package

Portable Screen-Out Package

Flow Line:
ANSI B31.3 certified
Rated to 10,000 psi
2" welded schedule 160
NACE certified / post weld heat-treated for sour service

Manifold:
MSI dual choke five valve plug manifold and 2" bypass
ANSI B31.3 certified
Rated to 10,000 psi
2" welded schedule 160
NACE certified/ post weld heat-treated for sour service
Single or dual - adjustable and positive choke beam options

Data Features and Benefits:
Fekete and customer generated well data submissions
12 hour electronic and web based reporting - 0600 and 1800 reporting
Daily in-house and client based conference calls
Oil data logging office trailer with satellite integrations

ENVIRONMENT HEALTH & SAFETY

At PSI Energy Production Services, we work hard to make a positive difference. We manage and operate our assets in a manner consistent with our core values to protect the health and safety of our employees and others and to comply with applicable environmental, health and safety laws as well as our own policies and internal standards.

EH&S

The Environment:

PSI is committed to helping meet the world's need for energy in a safe and environmentally responsible manner. We believe that is the right thing to do and that this approach is critical to our success in a world in which energy sources should be compatible with a clean, safe, and healthy environment.

That is why we are continually working to improve our processes to reduce pollution and waste, conserve natural resources and reduce potentially negative environmental impacts from our activities and operations.

Whenever we undertake a new project, we work to understand the environmental issues. Then we create a balanced plan that couples new energy development with innovative techniques to protect the locations where we operate.
Fundamental to our operating philosophy is a commitment to adhere to the stricter of two standards: our own policies and principles or the regulations established by a particular state.

Our environmental stewardship is aligned around three basic principles:

Include the environment in all decision making:
From our everyday actions to major capital investments, we make better decisions when we consider the environment.

Reduce our environmental footprint:
We use our business processes to identify and manage risks to the environment and reduce potential environmental impacts throughout the life of our assets.

Operate responsibly:
We apply exacting and proven operating procedures to improve reliability and ensure the consistent implementation of safety standards designed to prevent accidental releases, including spills.

EH&S

As part of our efforts to innovate and develop new technologies, we strive to use environmentally friendly procedures and materials when providing our services. In addition, we have comprehensive emergency response plans in place that address environmental concerns. All incidents that could affect the environment are dealt with immediately to ensure that they are properly contained and the environmental impact is minimized.

Reducing Our Environmental Footprint

PSI strives to use fewer material resources to reduce our environmental footprint.

Our Impacts

Potential impacts occur in the manufacture, transport and operation of our oilfield services equipment. PSI crews receive comprehensive training in well control that meets and often exceeds the requirements and practices required by government or industry.

Reducing Engine Emissions

PSI vehicles represent the latest technology for achieving fuel efficiency and reduced emissions. Our crews are trained to carpool and consolidate trips whenever possible. We match each vehicle to the particular utilization in order to maximize the overall fuel efficiency of our fleet.

Operational Efficiency

PSI production testing equipment is designed to recycle production-testing emissions back into the production line and reduce or eliminate the flaring of hydrocarbons.

Recycling

We actively work to reduce, reuse, recycle and reclaim materials used in our operations. Recycling in particular is a priority for PSI and is a strict practice in all of our locations.

Work in Environmentally Sensitive Areas

PSI works in environmentally sensitive areas. In such instances, we work closely with our customers to ensure that any potential negative impacts of the planned operation are minimized or, where possible, eliminated entirely.

Water Usage and Handling Waste

Water supply and quality issues are typically the responsibility of the operating oil company. However, PSI manages waste to ensure that any products being transferred to upright and open-top tanks, are carefully monitored during the servicing of a well. Any spills are reported and mitigated quickly and are always contained onsite.

EH&S

When it comes to the environment, as in all aspects of our business, PSI is committed to doing things the right way. Sustainability lies in the enduring nature of our values and the objectives of our mission. We will always act with integrity, respect and protect the environment, serve our communities, and be mindful of the safety and health of those around us.

Health:

PSI invests in the health of employees to improve productivity and reduce costs and, of course, to help our employees optimize their physical health and mental well-being. Our program supports employees who want to make positive lifestyle changes.

Safety:

A safety-first culture is a way of life at PSI. From the first day on the job, all PSI employees are thoroughly trained in the responsibilities of their respective positions. Safety is integrated into each aspect of the job and we follow strict protocols to ensure compliance. PSI's efforts to create and maintain a safety culture includes starting meetings with safety lessons, tracking and awarding business units for strong safety performance, sharing best practices and using behavior-based safety evaluations. To prevent injuries and the loss of life, we continue to pursue our goal using a variety of tools starting with a comprehensive risk review conducted on an annual basis. Each incident is thoroughly investigated, and the President and Operations Manager review the results with the EH&S Compliance Manager. Incident reports and lessons learned are distributed throughout the company.

There are three key principles at the heart of our approach:

Leadership fosters a culture where everyone is focused on safety, on managing and reducing risk and on safe, reliable and compliant operations;

We seek to operate with clear expectations of conduct and leadership by all employees at all levels of the organization;

Independent, effective checks and balances and self-verification are requirements strictly enforced at all levels of the organization.

While we maintain our focus on processes, practices and protocols, we also place great emphasis on how our workforce applies them, thereby working to strengthen our strong safety culture and workforce capability.

Environment, Health and Safety Features on Our Equipment Packages

Safety is the first and primary consideration in all operations. PSI takes a proactive approach setting our employees up for success through continual training and providing them with the tools necessary to safely perform their jobs. Generally, PSI's equipment packages are equipped as follows:

- PSI Standard Operating Procedures (SOP) Manual
- Drip trays for line pipe
- Whipcheck safety cables
- LEL/H2S gas detection light and strobe beacons for production testing packages
- Four sensor (H2S, LEL, O2, CO) personal gas monitors
- Self Contained Breathing Apparatuses (SCBAs)
- Fall-arrest safety harnesses with lanyards
- Mesh face-shields
- Rubber aprons, rubber gloves, goggles, plastic face shields for potential chemical handling
- Material Safety Data Sheets (MSDS), first aid kit, fire blanket, eye-wash kit, and safety compliance center located in oil data logging trailers
- Emergency Shut Down (ESD) pneumatic actuating shut-down system for production testing packages
- 20lb and 5lb Fire Extinguishers
- Fiberglass non-conductors for flare stacks
- Electric ignition systems for flare stacks with "spot" and "continual" modes

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