COMPREHENSIVE OVERVIEW
Production, Completion and Workover Drilling Equipment & Services

oilstatesenergyservices.com
Who we are

Oil States Energy Services (OSES) is a leader in integrated rental solutions and services in the global oil and gas drilling industry. We focus on servicing clients throughout the life cycle of the well through its support and service equipment used during the production, completion and workover phases. We provide a broad range of equipment related to supporting operators and service companies during the well site activities of wireline, thru-tubing, isolation, well testing, frac stacks, ball launchers, completion fluids, sand control and production services.

Our mission statement

OSES is totally committed to being "best in class" by consistently providing our customers with state-of-the-art equipment, highly-trained personnel, and the highest operating efficiency and safety performance within the service and rental segment of the industry. We will continue to be innovative and improve productivity and overall effectiveness through programs and procedures that maximize our overall performance, minimize your risk and exposure, assure financial viability, promote overall growth and ultimately add value and benefit to our customers, employees and investors.
The OSES difference

Today, we have over 60 facilities strategically located near key resource plays in North and South America, Canada and Mexico and over 2,000 of the industry’s best people. Through alliances elsewhere in the world, our operations extend into 29 countries, and we continue to expand our reach. We are totally committed to being “best in class” by consistently providing our customers with state-of-the-art equipment, highly-trained personnel and the highest-operating efficiency and safety performance within the service and rental segment of the industry.

People

Our qualified and safety-conscious workforce has a depth of real-world experience. They stay up to date and expand their skills with in-house training and certification programs.

Products

Our quality rental tools include many patented designs. Our production testing business offers a unique combination of testing services and globally recognized equipment design and fabrication capabilities.

Professionalism

Our company infrastructure includes a strong support system for all of our products and services as well as a comprehensive QHSE function that reinforces our strong safety culture, environmental commitment and quality leadership.

Focus on safety

At OSES we stress and drive home that safety is an integral and necessary component of all our products and services.

We continuously educate all employees as to proper operation of all OSES equipment and services, regarding job planning, JSA composition and job execution.

We stress OSES selection criteria for safety procedures of all operations, specific job application and customer communications. Your safety is our foremost concern.

We provide a progressive “hands on” learning experience in an actual OSES “shop and job” setting with the actual equipment that employees will utilize on the jobs. This is provided through class participation, communication and final testing of students knowledge contained in the course.

In an effort to improve overall oil sector safety performance and to increase customer understanding of these concepts, OSES extends this training to all OSES employees in every job category and additionally to other class participants from client oil companies and service companies at nominal cost.

*Left: Equipment operators connecting an extension to a mandrel of a stage tool for extra length to seat in wellhead bit guide.*
Frac Stacks

OSES supplies and services frac stacks that temporarily replace the production wellhead during pressure pumping operations. In addition to protecting an operator’s production wellhead from the effects of pressure and abrasion during the fracturing process, our frac stacks allow high pressures and volumes of proppant to pass to the formation for maximum well response. Our frac stacks, which feature ball screw type and double acting hydraulic actuators to ensure reliable operation every time, prevent costly repairs to your wellhead equipment.

High-pressure fracturing operations are no place to test the safety or integrity of your rental equipment or risk the lost time that occurs when inferior equipment leaks. At OSES, we are committed to providing reliable equipment manufactured to API standards, highly-trained personnel and the industry’s best operating efficiency and safety performance. We follow a strict ISO-compliant quality assurance program with no exceptions. Our skilled technicians carefully inspect and certify every piece of equipment prior to dispatch and upon return from a job.

We employ dedicated teams of wellsite personnel, strategically located close to fracturing operations across the country, to ensure seamless set-up and maintenance of your rental equipment. They are experienced in rig-up procedures and current in all safety certifications including high-pressure operations and H₂S. With OSES, you get unmatched quality and reliability that minimizes problems and ensures high success rates. Our goal is to have the rental equipment you need, where and when you need it.
Isolation Tools

Isolation tools installed prior to stimulation treatments are designed to isolate the wellhead from exposure to fluids and pressures. Our isolation tool equipment systems upgrade the pressure limits of a wellhead and protect the wellhead equipment from pressure, abrasives and corrosives.

Our tools facilitate the utilization of plug and perforation operations, allowing for stimulation treatments at pressures higher than the rated wellhead equipment. This eliminates the disconnection of fracturing iron during multiple-stage treatments or after stimulation. Resulting in increases in operational efficiencies by decreasing time to complete and enhancing the overall safety of well operations.

The world’s largest supplier of wellhead isolation equipment, OSES designs, manufactures and operates specialty wellhead isolation and wellhead tools that offer protection and performance during the pressure pumping process. With a significant number of patented tools and a highly experienced workforce, we are the supplier of choice for quality products that include: casing, wellhead and tubing isolation tools plus mix-master tools.

We strive to continually generate new products that increase efficiency, reduce overall costs and deliver quality and value to our customers. With shops strategically located close to fracturing companies, we deliver prompt, courteous and professional services.
**Wireline Support**

Wireline pressure equipment directly permits wireline intervention at the wellbore, allowing operators to establish what wireline pressure control equipment will be required.

Our equipment is designed to assist wireline operators in the measuring depth, temperature and pressure during logging and perforating operations.

This allows wireline operators to help control sand and paraffin, fishing and retrieving junk, and adjusting subsurface well pressure and flow controls.

Committed to delivering unmatched reliability and performance, we subject every piece of our equipment to a thorough inspection prior to dispatch and upon return from all jobs. We also have backed our rigid quality standards with the installation of pressure test bays throughout our district locations and a service center dedicated to maintaining our high-pressure, large-bore equipment fleet. We can perform pressure tests up to 30,000 psi at this facility.

With a team of pressure control specialists who are recognized as second to none in our field, we offer planning assistance that helps reduce downtime and ensure a safe and successful operation.

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**Hydraulic Annular Valves**

- Wireline Accessor Equipment
- Articulating Top Entry System (ATES)
- Top Entry Access System (TEAS)

**Wireline Grease Injection Package**

- Flanges and Swages
- Pump In Sub
- Wireline Valves
- Tool Trap
- Quick Test Sub
- Lubricator
- Head Catcher
- Velocity Ball Check Valve
- Grease Head
- Slick Line Stuffing Box
- Line Wiper
- Grease Injection Units
- Pressure Test Unit
Ball Launchers

OSES offers a patented, controlled-aperture ball-drop mechanism for multi-stage well stimulation. Used during the treatment process in multi-zone fracturing operations, the remotely-controlled system dispenses balls automatically into the wellbore during fracturing stages. Replacing manual processes, reducing errors and service interruptions.

- Adaptable to any configuration of the wellhead
- Computer-generated, detailed job report, showing ball size and time stamp
- Fully enclosed for low-temperature conditions
- Heating blanket provided for extreme sub-zero temperatures
- Used during multi-zone fracturing operations during treatment processes
- System dispenses balls automatically into wellbore during fracturing stages
- Single stack tube of 28 balls
- Capable of adapting to various size increments
- Balls are launched by actuator
- Unit is remotely controlled
- Replaces manual process and reduces errors and interruptions in service
- Rated for hazardous conditions
Thru-Tubing

Tubing is a vital component of the well, providing a route downhole in well for various processes and equipment used during the various stages of the well. The tubing requires continuous maintenance to ensure proper functioning.

Wellbore obstructions are a common dilemma and typically must be removed as they can severely restrict a well’s production capability.

Scale formation will eventually result in lower yields and well failure, and a tool forgotten or left in a well can hamper future operations in that wellbore.

OSES provides a full line of tools to address various removal systems that efficiently and effectively eliminate virtually any wellbore obstruction.

Tempress Technologies (Thru-Tubing Well Intervention Tools)

The Tempress division of Oil States Energy Services provides a line of advanced rental tools for horizontal well service. These tools are used for extended-reach milling, well stimulation, downhole phase separation and sand cleanouts.

The Tempress HydroPull® tool is used to clean sand and mill cement, composite bridge plugs and ball seats in extreme-reach horizontal wells. Costly friction-reducing additives are eliminated and the flow pulsation generated by these tools provides superior cuttings transport, which reduces or eliminates short trips.

Tempress downhole phase separators and bypass tools ensure good circulation in depleted wells. These tools are used in tandem with the HydroPull® to reduce the chances of getting stuck and ensure reliable service in extended reach depleted wells. For more information, please visit tempresstech.com.
Completion Fluids

Completion fluids are used in every well and are critical to the well efficiency and reservoir productivity. They reduce friction, control corrosion and support multiple completion procedures.

The main function of completion fluids are to provide hydrostatic pressure to prevent formation fluids from entering into the well bore. The fluid used for a particular job is selected to avoid formation damage and to limit corrosion.

Our completion fluids and additives are designed to be used during the workover and completion stages.
Well Testing

OSES offers a unique combination of testing services and equipment fabrication. Our reputation for providing the finest fit-for-purpose equipment, the most capable personnel and unsurpassed service quality, is backed by 40 years of experience in surface production testing.

In addition to production testing and flowback services in most major oil- and gas-producing regions across North America, OSES has a globally-recognized fabrication division. Specializing in international and offshore-floor-testing packages, gas-measurement equipment and permanent-surface-production equipment, this division is known for superior-quality fabrication coupled with expert technical support for ongoing operations.

We provide numerous pieces of equipment used to:

- Monitor the production capability of a well
- Anticipate changes in production capability over time
- Determine the reservoir drive mechanism
- Estimate how much oil or gas might be recovered over time
- Capture of drilled out plug parts
- Clean up of frac fluids and sand
- Operators collect fluid and gas samples over the life cycle of the well to monitor changes in production and assess the well capability
- Well-testing equipment is designed to measure production rates and flowing pressures within the well and at the surface for operators and to separate oil, gas, sand and water
Sand Control (Gravel Pack)

OSES sets the standard for reliability, service and technical know-how in sand-control rental tools. We couple experienced professionals with state-of-the-art equipment which is API certified and guaranteed to perform as expected. Our sand-control equipment has all manufactured certifications, meets all federal requirements while maintaining one of the lowest nonconformance rejection rates in the industry.

By combining a broad line of the best available equipment with exceptional technical expertise, OSES delivers better overall solutions that translate into cost savings. Utilizing our complete line of rental tools, specializing in frac pack, sand control and tubing-conveyed perforating applications, we can integrate wireline, flow-back and thru-tubing fishing and milling applications to support multiple completion and well-intervention operations.
Production Services

oses offers a wide range of coil tubing support and production services, coupled with a complete line of rental tools designed to help our customers meet their production timelines and goals. by integrating pumps, flow iron, hydraulic and manual manifolds, control heads, integral spools and tanks, we can support multiple intervention and production operations.

our extensive inventory coupled with our global distribution network ensures availability and prompt delivery. every piece of equipment is certified, documented, pressure tested and charted prior to delivery.

by integrating top-of-the-line equipment with trained and experienced personnel, oses has become a leading provider of rental equipment and services. our goal is to help maximize reservoir recovery, optimize field production and maintain profitable wellsops for our customers.
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