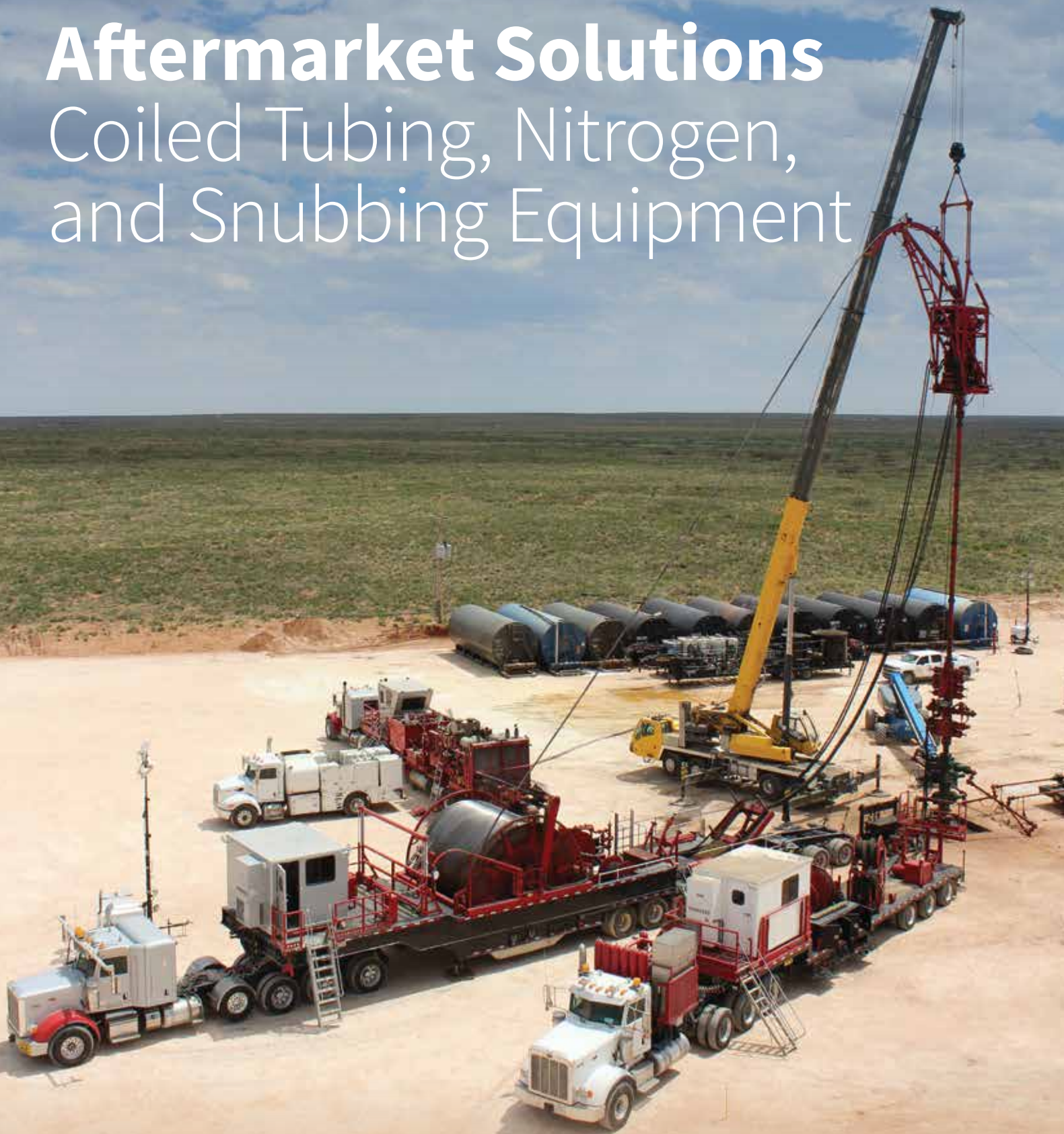


Aftermarket Solutions

Coiled Tubing, Nitrogen,
and Snubbing Equipment



Our aftermarket strategy

We maximize our customers' performance and uptime, applying our unmatched complete system knowledge and investment in networks of people, facilities, and technologies.

Since 1973, our world-class brands, including **Hydra Rig™**, **Quality Tubing™**, **Texas Oil Tools™**, and **Fidmash™**, have been manufacturing the equipment you need for your most challenging oilfield operations.

We make and support the world's most advanced completions solutions. From coiled tubing to nitrogen and snubbing, our custom equipment solutions are backed by decades of engineering expertise. We're continually pushing our own standards higher to deliver the safest, most efficient, and most reliable solutions in the world.



Complete aftermarket solutions

With thousands of pieces of equipment working around the world, we provide comprehensive aftermarket products and service solutions. We are where you need us to be with an integrated network of strategically located facilities worldwide providing technical support, field service, repair, spare parts, training, rentals, and field engineering that will keep your equipment running and your customers satisfied.

Our professional team is available 24/7 to support you.

We understand what it takes

Reduce your total cost of ownership with our aftermarket solutions.

Keeping your equipment running at optimum performance is important. At NOV, we have created a safety net for your operations, so that you can operate with less manpower. We have a total aftermarket solution that works with your operations and maintenance departments to keep your equipment up and running.

To ensure reliability throughout your equipment's life, we offer extensive product maintenance programs customized to your needs and updated as those needs change and evolve with the industry. Our processes are simple, transparent, and created with end users in mind.

By utilizing our extensive testing facilities, all equipment is verified prior to service, and any repair or modifications are validated before shipment.

Common equipment serviced:

- Coiled tubing strings
- Injectors
- Reels
- Coiled tubing and nitrogen units
- Coiled tubing support pumps
- Pressure control equipment and accessories



Engineering



Manufacturing



Equipment & package upgrade



Local Spare Parts



Global technical service & support

Full
lifecycle partner



Global logistics



Installation & commissioning



Project management



Spare parts

We understand that the availability of OEM spare parts is critical to your equipment's uptime and reliability. Our complete parts supply service offers individual components or ready to install assemblies such as:

- Elastomers
- Grippers
- Injector chains
- Rollers
- Coil packers
- Non-extrusion rings
- Front and rear seals
- Slip inserts

Our after-hour on-call service is dedicated to provide both technical and parts support 24/7. Ask about our expedited services.

Repairs and rebuilds

Whether it's your fracturing equipment, acidizing, cementing, or coiled tubing support pumps, our service shop is fully equipped to get you back in the field. We provide turnkey engineering solutions to repair, update, or standardize your original designs. This ensures that you are receiving the technical knowledge and latest advances for your worn or cold stacked equipment.



Training

To operate equipment at maximum performance and efficiency, we offer in-house, at your facility or on-the-job training. Our structured educational programs are facilitated by industry experts calling on real-world experience and educating through actual scenarios.

With facilities around the world, our training locations are continuously evolving to support industry advancements and process enhancements. Our programs can be tailored to meet safety, maintenance and operational performance per OEM standards.

Service and maintenance

It is widely acknowledged that regularly scheduled maintenance increases the reliability and longevity of your equipment in addition to reducing the total cost of ownership. Our fully equipped facilities can accommodate all of your service needs — including NPT testing, cleaning services, and corrosion protection to extend your strings' life expectancy. We guarantee that every replacement component meets the highest quality standards you have come to expect from NOV.



Finished goods inventory, storage, and spooling

With consignment stock, we are providing you with quick delivery and faster turnaround times when you need it most. This stock is designed to meet your specific requirements in the particular geographic region of your operations, providing you immediate delivery and improving your operational efficiency. In addition to storing specific stock strings, we can store used strings and spare reels for future use. Whether you need a new string spooled on or an old one spooled off, spooling services are available at all of our service centers. During respooling, we lay tubing precisely next to the preceding wrap to maximize the amount of tubing on your reel.

String repair and welding

All of our welders are trained and certified at our headquarters in Houston, Texas. We offer several different types of welding services at our service centers. For repairs, we work with you to determine how much tubing should be removed. Either a new section of like-grade tubing will be added or remaining sections will be joined together with a tube-to-tube weld. For welding needs in the field, we have a team of welders with a combined 45 years of service who can come to your site to support your needs.

Testing and inspection

Full-body electromagnetic inspection determines wall thickness and dimensional changes of the string. Visual and dimensional inspections detect outer surface problems by using calibrated micrometers and compression wave ultrasonic equipment. Tube-to-tube weld nondestructive testing is performed by radiographic, liquid penetrant inspection and ultrasonic inspection. Hydrostatic testing uses treated water and subsequent flushing in order to check weld seam integrity.

Special Projects

At Quality Tubing, we have the equipment and most experience to help with your special projects in a timely manner. These projects could include wireline installation, removal and inspection, concentric sting arrangements and capillary installment.

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