

# Owen Oil Tools

## Perforating Systems and Specialty Tools

Owen Oil Tools provides perforating systems and specialty tools for production enhancement. Our specialized gravel pack systems and deep-penetrating technology overcome formation damage and reduce breakdown pressures during fracturing operations.

With over 300 uniquely shaped charge designs, Owen offers the industry's widest range of perforating systems and associated equipment. As a result, your production benefits from precise application of the correct technology.

This advanced technology includes:

- **Raptor™** perforating systems – a family of high-performance, deep-penetrating guns that includes the advanced HERO™ (high efficiency reservoir optimization) system
- **Spiral Shogun™** system – the leading multi-phased exposed gun system
- **Phantom™** perforating systems – providing gravel pack applications with big-hole, low-debris perforating
- **StimGun™** system – produces a high-pressure gas pulse immediately after the perforation event; results in perforation breakdown and extends fractures along the plane of the perforation
- **StimTube™** system – propellant-assisted perforation breakdown and near-wellbore stimulation through tubing applications

- TCP systems – a complete line of tubing-conveyed perforating tools, specialized systems and technical support

### Pipe Recovery

Owen provides a full range of pipe recovery devices designed to maximize performance, minimize damage to tubulars and make fishing attempts easier, including:

- Split Shot®
- Coil tubing cutters
- Tubing/Drill pipe cutters
- Super tubing cutters
- Segmented casing cutters
- Wafer-type casing cutters
- Severing tools

### Specialty Tools

Specialty tools from Owen provide solutions for challenging applications.

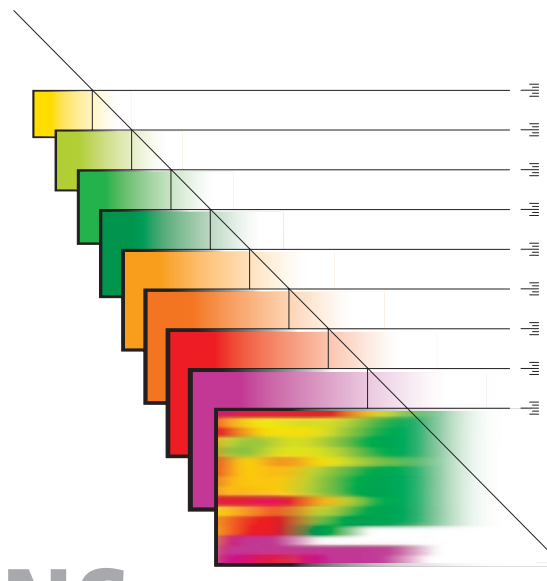
- The GT X-Span™ system is a multi-dimensional, gas-tight casing and tubing patch technology. Metal-to-metal seals with gas-tight elastomers are rated for all well temperatures and conditions. The result is the highest burst and collapse pressure ratings in the industry.

- Owen Prism<sup>SM</sup> slickline firing systems provide a safer, cost-effective means of conveyance for Owen explosive products
- Safe Fire initiating systems offer the industry's safest firing systems for many applications, including perforating, pipe recovery and setting bridge plugs

### Safety Training

Owen conducts safety seminars that provide ongoing training for operator and service company personnel. The one-day courses focus on safety in the use and handling of oil and gas industry explosive devices. Based on API RP-67 (Recommend Practices for Oilfield Explosive Safety), the courses are intended for all industry personnel who may work with or be around explosives at the wellsite, from the operating company engineer or rig foreman to the experienced service company explosive user.

# MEASURED SOLUTIONS

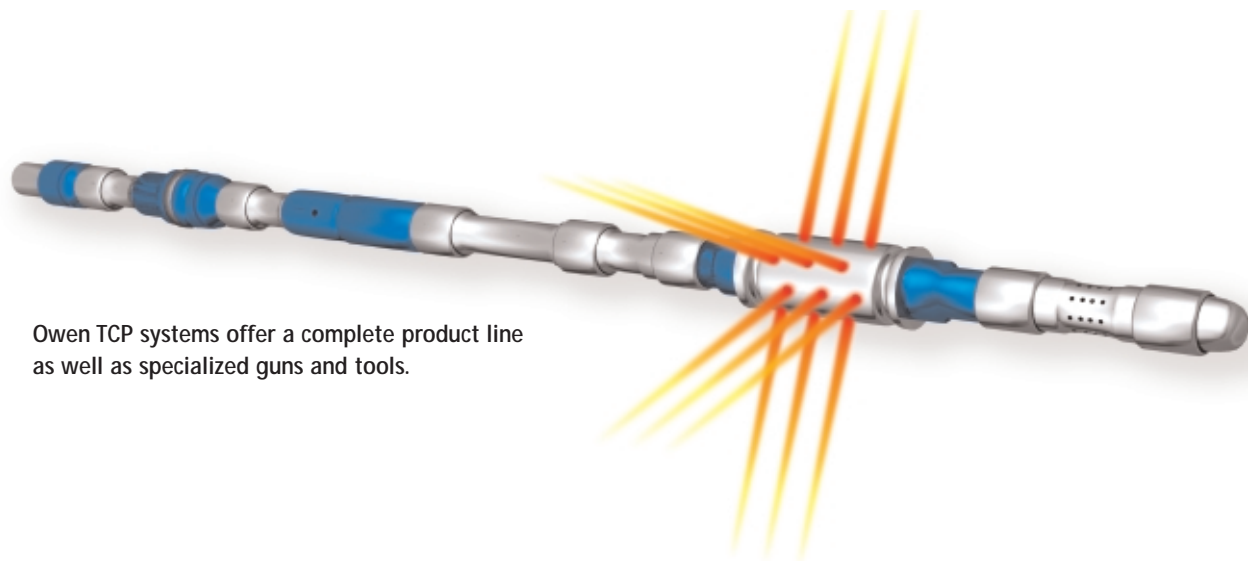




Perforation testing ensures optimal performance.



Cutaway of GTX-Span set in 4 1/2 in. 12.6 lb casing.



Owen TCP systems offer a complete product line as well as specialized guns and tools.

For more information, please visit our website at:

[www.corelab.com/protechnics](http://www.corelab.com/protechnics)

[www.corelab.com/owen](http://www.corelab.com/owen)

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