

Ultra-High Pressure Perforating Gun
30,000 PSI

Ultra-High Pressure Perforating Gun

Halliburton offers both 4.75 inch and 7 inch, 30,000 psi rated perforating gun. As more challenging and complex wells are explored, this unmatched technology is needed for the difficult ultra-deep water and high pressure reservoir targets. Halliburton's unique proprietary design, customized manufacturing, and specialized metallurgy help ensure full system integrity even at extreme depths.

Both 30,000 psi High Pressure Gun Systems can be conveyed on tubing, wireline, or slickline and can meet the challenge of the most demanding 7 inch, 7-5/8 inch, 9-5/8 inch, 9-7/8 inch, and 10-1/8 inch casing projects.

As with all Halliburton gun assemblies, these Ultra-High Pressure Guns use bi-directional boosters, non-lead azide explosives, specialized connectors and inserts, and high velocity-low shrink detonating cord to help meet proprietary specifications for safety and reliability assurances.

Applications

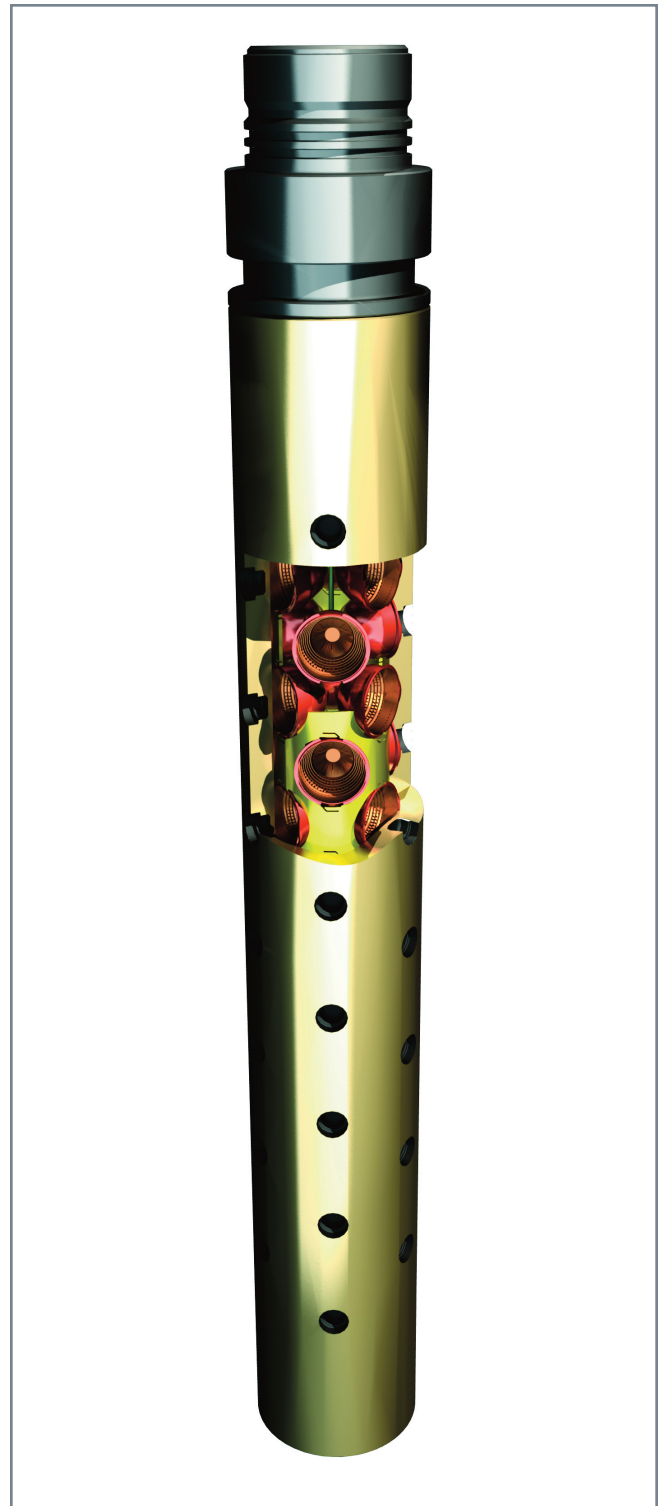
- Ultra-deep water
- High pressure reservoir targets

Benefits

- Explore challenging reservoir targets with confidence
- Maintain the integrity of the well and perforating system at extreme depths
- Provide greater function windows for downhole, pressure-operated tools

Features

- Proprietary design
- Specialized metallurgy
- Customized manufacturing process



HAL30110

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Wireline & Perforating

| API RP 19B Section I Performance | | |
|---|----------------------|----------------------|
| | 4-3/4 in | 7 in |
| Charge | Mirage BH | Mirage BH |
| Case Material | Zinc | Zinc |
| Explosive Type | HMX | HMX |
| Explosive Weight | 21 gm | 45 gm |
| Penetration | 5.9 in | 4.8 in |
| Casing Hole Diameter | 0.71 in | 0.85 in |
| Gun System Design Specifications | | |
| Maximum Pressure | 30,000 psi | 30,000 psi |
| Minimum Pressure | Atmospheric in water | Atmospheric in water |
| Maximum Tensile Load | 547,000 lb | 946,946 lb |
| Phasing | 135 | 120/60 |
| Shot Density | 14 SPF | 15 SPF |
| Maximum Gun Swell Diameter | 4.995 in | 7.074 in |

**For more information, contact your local Halliburton representative
or visit us on the web at www.halliburton.com/wireline**