



SwingJet II™ System

Perforating systems provide effective fluid flow communications between a cased wellbore and a producing reservoir.

Perforating guns punch a geometrical pattern of perforations through casing and cement sheath and into the producing formations. Perforation depth depends on gun type and size. Each perforation is characterized by shot density, penetration, shot phasing and perforating hole diameter.

The *SwingJet II* system delivers the performance of a large-diameter casing gun and eliminates the need to pull tubing from wells.

The system's pivot-mounted charges are designed to run through tubing then deploy in the casing. After high-performance HMX charges are deployed, the system fires. The *SwingJet II* system delivers almost twice the penetration of other high-performance, through-tubing systems and almost four times the penetration of standard small diameter through-tubing, hollow steel carriers.

The system provides maximum reliability and safety without using complicated mechanisms. The charges are deployed using a release squib operated by negative polarity from the wireline unit. Once 100% of the charges are deployed, the firing circuit is armed.

The detonator frequently is fired with positive-polarity current. *SwingJet II* system's resulting performance is unequalled by any through-tubing system. The added benefits of the system's 180° phasing provides superior well productivity. The *SwingJet II* system delivers the performance of a large-diameter casing gun and eliminates the need to pull tubing from wells.

Features, Advantages and Benefits

- Semi-expendable.
- Low debris left in hole.
- Deep penetrating charges.
- Multiple phasing.