

### Stuck Pipe

Whether it is during drilling, completion or workover operations, stuck pipe causes problems. Allied-Horizontal Wireline Services can offer the expertise and technology to help reduce lost time and a wide range of other expenses.

The **Radial Cutting Torch** is one of the safest cutting tools in the industry. Without the use of explosives or hazardous materials, it makes a clean cut with no change to the OD of tubing, casing, drill pipe and coiled tubing.

- Non-Explosive
- Radio Safe
- Cuts up to 9.875 in. casing
- Cuts all steel, high chrome, plastic coated tubulars, Inconel®, Monel®, Hastelloy® and exotic pipe
- Non-hazmat fuel systems available
- Cuts are flare-free and do not produce swelling
- Cuts in fluids or dry pipe, heavy muds and weighted drilling fluids
- Deployable within hours not days
- Minimizes downtime and associated costs
- Approved for all methods of transport

Using a mixture of powdered metals contained inside the torch body burning at a high temperature upon ignition, highly energized plasma is produced causing



an increase in internal pressure. Once the pressure produced inside the torch exceeds that of the well bore, the protective sleeve is displaced exposing the nozzle to the well bore. Plasma exits thru the nozzle to sever the target in drilling, completion, production, or recovery scenarios, within wellbore temperatures up to 500°F (260°C) and pressures up to 10,000 psi (69 MPa).

*Contact your local Allied-Horizontal Wireline Services' representative to learn how we can help maximize production and lower completion cost.*

Courtesy of MCR Oil Tools, LLC