## HALLIBURTON

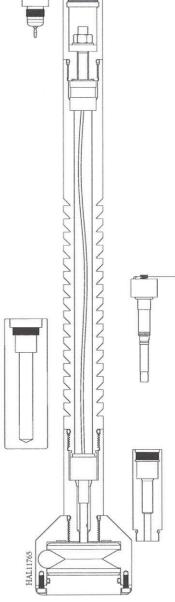
Exhibit 3

## **Casing and Drillpipe Cutters**

Jet Research Center's casing and drillpipe cutters feature the same level of engineering detail and design as the industryleading JRC tubing cutters. They are designed to cleanly sever a wide range of casing efficiently, using a minimum amount of explosive. The designs feature high specification aluminum alloy case material that breaks up substantially upon detonation. JRC casing and drillpipe cutters offer high levels of safety and reliability in field applications with a minimum amount of set-up or configuration based on well parameters. JRC developed the industry standard shock attenuating mandrel for use with the range of casing and drillpipe cutters and patented this technology (US patent 5,117,911). Casing and drillpipe cutters can be used with JRC's proprietary RED® rig environment detonator, offering a high level of protection against stray voltage or inadvertent RF-initiation.

## **Features**

- Shock attenuating mandrel helps protect associated wireline tools
- · Cutter designed for minimum pipe flare
- Extensive cutter range offers selection based on well conditions
- Cutters available for high-strength and chrome pipes
- · Special designs available to match unique well conditions
- Detonator options available to satisfy all applications



Casing and Drillpipe Cutters