

Hydra-Jet ProSM Service

Enhanced Capability for Safe and Effective Downhole Cutting Performance

Hydra-Jet ProSM service takes Halliburton's proven Hydra-JetSM service cutting technology to the next level of performance

- New slow- rotating tool provides maximum cutting efficiency.
- Customized procedures for optimum nozzle, fluid, and procedure selection.
- Fast cutting with minimum damage to other tubulars.

Plus, available coiled tubing service means no workover rig required and minimized downtime.

Proven, Versatile Technology

Halliburton brings many years of experience to Hydra-Jet Pro service. It is very effective in:

- New slow- rotating tool provides maximum cutting efficiency.
- Customized procedures for optimum nozzle, fluid, and procedure selection.
- Fast cutting with minimum damage to other tubulars.

Slow-Rotating Tool Design Provides Exceptional Cutting Performance

Slow rotation allows adequate dwell time. Mud motor in conjunction with gear reduction enables slow rotation –15 to 25 rpm. Also, high torque output of the motor means stalling downhole is virtually eliminated.



HAL12753

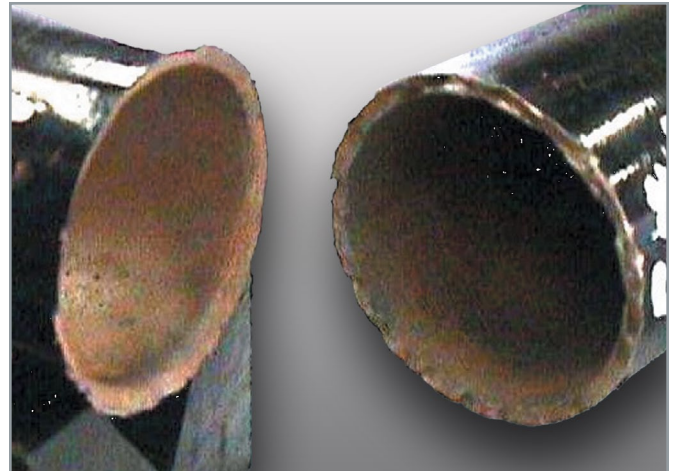


HAL12754

Cutting test on 3 1/2-in. tubing, 80 Rockwell B hardness. Top photo is the cutting head used in the test. The tubing was completely cut 13 minutes after pumping started.



HAL12755

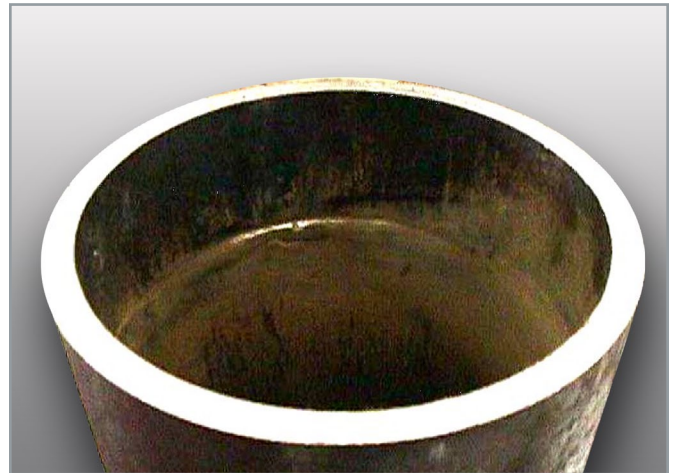


HAL12757

Above and right: Test to determine the amount of damage to a casing string external to the tubing being cut. The test fixture is shown above. Results are to the right. Total cutting time was 6 minutes with minimal damage to the casing.



HAL12756



HAL12758

Test to determine performance of Hydra-Jet Pro service under simulated downhole conditions. Tubing was 3 1/2-in. 12.95 lb/ft EUE, N80 grade, pressured to 1,000 psi. Tubing was completely cut in 26 minutes.

**For more information, contact your local Halliburton representative
or email us at production-solutions@halliburton.com.**

© 2015 Halliburton. All rights reserved. Sales of Halliburton products and services will be in accord solely with the terms and conditions contained in the contract between Halliburton and the customer that is applicable to the sale. H03491 01/15

www.halliburton.com

HALLIBURTON
Production Solutions