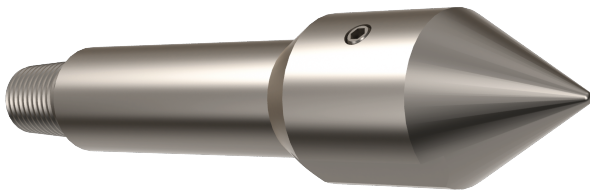


# TTS Abrasive Technology

Facilitate the Completion of a Well Utilizing Stuck Drill Pipe



## HIGHLIGHTS

- Perforated 396 holes in a 3 ½" drill pipe using a specialized perforator sub.
- Cut the pipe 100 feet above the perforated section with an abrasive cutting system.
- Converted the stuck pipe into a perforated liner for casing attachment.
- Saved the client hundreds of thousands by avoiding costly fishing or side-tracking.

## DETAILS

Location	McAlester, OK
Perforation Depth	6,800-4,300 ft
Cut Depth	4200 ft
Fluid	Gelled Water
Conveyance	1 ¾" Coiled Tubing
Tools Used	1.70" OD Motor Head Assembly 1.70" OD Hydraulic Disconnect 1.80" OD Perforator with 60 deg. Phasing 1.70" OD TITAN Motor 1.80" OD Cutting Head

## OBJECTIVE

To perforate stuck drill pipe in the zone of interest, and cut the drill pipe above the perforated section.

## RESULTS

In three runs, the abrasive perforating system, using a one foot long perforator sub with 6 holes set in 60 degree phasing, perforated a total of 396 holes in the 3 ½" OD drill pipe. After performing the perforations, Thru Tubing Solutions then utilized their abrasive cutting system to cut off the drill pipe 100 feet above the perforated section.

## VALUE TO CLIENT

Instead of backing off and commencing expensive fishing and/or side-tracking operations, Thru Tubing Solutions was able to provide the customer with a way of turning a negative into a positive. The stuck drill pipe became a perforated liner, and a string of casing was latched onto the drill pipe with a sealed overshot, saving hundreds of thousands of dollars.

**ONE COMPANY ONE SOLUTION**

[thrutubing.com](http://thrutubing.com)

