

# Abrasive Release Connector

Abrasive Release Connector Saves Operator 20,801' of CT



## HIGHLIGHTS

- Provided shorter BHA
- Slick OD, equal to CT size
- Saved the operator 20,801' of Coiled Tubing

## DETAILS

|                     |   |
|---------------------|---|
| Location            | Oklahoma  |
| Well Orientation    | Horizontal  |
| Fluid               | Abrasive Sand Slurry  |
| Flow Rate           | 2 BPM   |
| Total Amount Pumped | 57 BBL  |
| Conveyance          | 2 3/8" Coiled Tubing  |
| Operation Type      | Cement Drill Out  |
| Operation Depth     | 20,801 Ft   |
| Tools Used          | 3-1/8" F5 Milling Assembly<br>2-3/8" Abrasive Release Connector |

## OBJECTIVE

During a standard milling operation, the BHA became stuck in the hole after milling through 20 plugs and reaching a depth of 20,801'. With unsuccessful attempts to break free over the course of 42 hours, it was decided to activate the Abrasive Release Connector.

## RESULTS

An activation ball was dropped from surface to seal off the normal "flow through" path and redirect fluid to the cutting mechanism. Once redirected, an abrasive slurry was pumped through the connector to sever the pipe, separating the CT string from the BHA and allowing the CT to be pulled out of the hole. TTS proceeded to successfully fish the stuck BHA, run in hole again, and continue milling the remaining 8 plugs to tag TD at 22,880'. Not only did the use of the Abrasive Release Connector leave a clean fish neck to be retrieved, it enabled 20,801' of coiled tubing to be removed from the well, undamaged, saving the operator a substantial expense.

ONE COMPANY ONE SOLUTION

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

