



Thru Tubing Solutions  
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Thru Tubing Solutions' Abrasive Cutting System is deployed on 2-3/8" CS Hydril Pipe to cut 18.00" Casing.

**DETAILS:**

**Location:** Orlando, FL  
**Cut Depth:** 360'  
**Tools Ran:** 2.88" OD Motor Head Assembly  
3.13" OD Cutting Head  
**Fluid:** Water with 1 p.p.g. 100 Mesh Sand  
**Conveyance:** 2.375" CS Hydril Pipe

**Background:** Using 4.50" drill pipe, the operator deployed 18.00" casing, as a liner, with a right hand release joint. After the casing was run and cemented the release joint failed and the drill pipe could not be retrieved.



**OBJECTIVE:**

Pass through 4.50" drill pipe and cut 18.00" casing.

**RESULTS:**

Casing was successfully severed in less than one hour pumping 2.50 b.p.m.

**VALUE TO CLIENT:**

The operator contacted numerous service companies who specialize in cutting, however, no one believed that cutting the 18.00" casing was possible. Thru Tubing Solutions proposed running our Abrasive Cutting BHA on 2.375" CS Hydril tubing and rotating the Abrasive Cutting Head with a power swivel. The operation was flawless and the customer was able to resume drilling in the well.