Thru Tubing Solutions’ Perforating and Abrasive Cutting Systems Facilitate the Completion of a Well Utilizing Stuck Drill Pipe.

DETAILS:
Location: McAlester, OK
Perforation Depth: 6,800-4,300 Feet
Cut Depth: 4,200 Feet
Tools Ran: 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
Fluid: Gelled Water
Conveyance: 1 ¾” Coiled Tubing

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.