

	HydraCut Coiled Tubing		Treatment Date
			14-Dec-2018
	HydraCut CT Case History		Pages
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Document Number	Approver Position	Technical Engineer	
HC-0000-65	Approver Name	Logen Kanngiesser	

Days stuck before called: 1

Location: Gonzales/TX

Formation:

**Scope Of Work:**

Deploy Hydracut and recover majority of the string.

**Background:**

Coil Tubing Size: 2 5/8"

HydraShock: 500 Series 1.90" HydraShock Rescue Tool and 1.90" HydraCut

SICP: 1,600 PSI

Completion Specifics:

- 5.5" 20#
- 90° - 9,062'
- TVD - 5,915'
- BHT- 240° F
- Obstruction- Fishing Operations

HydraCut Specifics:

- 2 5/8" coil tubing .175"-.250"
- 5,915 Stuck Depth
- 5,912' Target cut depth

The customer was performing a fishing operation utilizing 2-5/8" coiled tubing. While attempting to retrieve a retrievable bridge plug the coiled tubing became stuck. An attempt was made to disconnect and only a partial disconnect was observed. The customer called Tenax.

**Treatment:**

When the Tenax Downhole Technicians arrived on location critical well information was gathered and the best course of action forward was formulated. A 0.75 "Houdini" dissolvable ball was pumped and seated on the hydraulic disconnect, once a disconnect was observed the 1.90" rescue tool was deployed with a control Δnball on seat .Due to the limited space available in the BHA the HydraCut had to be deployed before the BHA was locked up. Utilizing data from the control ball and Tenax's proprietary software the appropriate ball and spacing was determined. The 1.90" Hydracut was deployed and the cut was made at the target depth. Coiled tubing was then brought to surface and rigged down. In addition to removing the associated safety risks of cutting on surface, the customer saved both the expense of purchasing the entire coil string and the expense of cutting with wireline.

