

	HydraCut Coiled Tubing		Treatment Date
			12-Aug-2018
HydraCut CT Case History		Pages	
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Document Number	Approver Position	Technical Engineer	
HC-0000-01	Approver Name	Logen Kanngiesser	

Days stuck before called: 3

Location: Converse/WY

Formation: Turner / Frontier

**Scope Of Work:**

Assist in freeing coil tubing string stuck while tripping out of hole.

**Background:**

Coil Tubing Size: 2 3/8"

HydraShock: 500 Series 1.60" HydraShock  
Rescue Tool and 1.58" HydraCut

3-3.5 BPM in returns no movement in coiled tubing.

SICP: 2,825 PSI

Completion Specifics:

- 5.5" 17# / 4.5" 11.6#
- 90° - 11,300'
- PBSD - 18,230'
- BHT- 240° F
- Obstruction- Wellbore Material

HydraCut Specifics:

- 2 3/8" coil tubing .224 wall
- 17,855' Stuck Depth
- 15,800' Target cut depth

Coil tubing was stuck at 17,855', when Tenax downhole technicians arrived on location the well had been flowing for 2 days at 3-3.5 BPM attempting to free coiled tubing. The customer had pumped acid down coiled tubing in an attempt to free the tubing.

**Treatment:**

Tenax downhole technicians arrived on location and acquired all downhole data. The integrity of the coil string was in question due to a build up of pressure. Dyed sweeps were pumped and 14.2 ppg kill fluid was brought out to location. Kill fluid was pumped and with the coil string dead a 1.60" CTRT was Deployed and seated on the coil disconnect. One black Δnball ball was dropped and base line pressures were obtained. A series of 3 white Δnball's were loaded into the reel, 6 bbl.'s were pumped then the 1.58" HydraCut was deployed. Δnball's seated on the CTRT and the HydraCut fired. The string was worked free and brought to surface. Once on surface the cut depth was within 1% of desired cut depth.