

	HydraCut Coiled Tubing		Treatment Date
			15-Dec-2018
HydraCut CT Case History		Pages	
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Document Number	Approver Position	Technical Engineer	
HC-0000-64	Approver Name	Logen Kanngiesser	

Days stuck before called: 1

Location: Greenly/CO

Formation:

Scope Of Work:

Attempt to free stuck coil tubing unit with HydraShock, if unsuccessful deploy Hydracut and recover majority of the string.

Background:

Coil Tubing Size: 2 3/8"

HydraShock: 500 Series 1.68" HydraShock Rescue Tool and 1.68" HydraCut

SICP: 0 PSI

Completion Specifics:

- 5.5" 20#
- 90° - 7,407'
- TVD - 6,711'
- BHT- 185° F
- Obstruction- Sand and plug debris

HydraCut Specifics:

- 2 3/8" coil tubing .138"-.194"
- 7,622' Stuck Depth
- 6,800' Target cut depth

Customer was performing a drill out operation utilizing a 4 5/8 PDC tri-cone. After tagging up on plug #16 a wiper trip was being performed, the coiled tubing started to pull heavy and returns were lost at surface. N2 was brought on line with the hope of regaining circulation. With no returns to surface and no changes in string weight Tenax was called to location.

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 1.68" rescue tool was deployed with a control Δnball on seat .The customer wanted to minimize time and directed the operation to move towards HydraCut as soon as possible. The downhole specialists on site sent 3 yellow Δnball's for base line numbers prior to deploying HydraCut. The 1.68" HydraCut was deployed and verified through the listening device. The coil string was pulled into tension and the cut was made, the well was circulated clean and the coil string was pulled out of hole.

