

	HydraShock Coiled Tubing		Treatment Date
			August 2019
	Rescue Tool CT Case History		Pages
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Document Number	Approver Position	Technical Engineer	
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Days stuck by: 2
Location: Reeves / TX
Formation: Delaware

Scope Of Work:

Assist in freeing the coil string with as little downtime and damage to the coil string as possible.

Background:

Coil Tubing S 2.375"
HydraShock: 1.60" CTRT
Immediate Concerns:
No pipe movement/ No motor movement

SICP: 1,425 PSI

Completion Specifics:

- 5.5" 20#
- 11,606' 90°
- 19,038' PBTD
- 10,746' KOP
- Obstruction- Wellbore Material

While performing a composite plug drill out with a tri-cone bit the coiled tubing company had drilled through plug 35 of 38 weatherford composite plugs. While drilling on plug #35 the motor stalled, while attempting to pick up no movement was achieved, sweeps where on time with no lose in wellhead pressure.

Treatment:

With the arrival of the Tenax downhole specialist on location the data provided to the hotline was verified. The brine on site was verified at 10.1 ppg and a test ball put in. A flow check of the coil string was performed, coil was drifted to ensure the CTRT and the HydraCut would fit if needed. A 0.75" dissolvable ball was deployed and the disconnect shifted. Base line pressures were taken. Four hour soak time was given for ball to dissolve. After verifying the ball was dissolved a flow check was performed and an 1.60" CTRT was deployed with a Δn control ball on seat. With pressures from the control ball the onsite technicians stepped up to the next Δn ball in a series of three for the next step up's with no string movement. Δnballs 1-23 where all in compression with no change to string weight. Δn ball's 24-27 where in tension at 10 k over string weight, on #27 the string came free, the coiled tubing was pulled out of hole.