HydraShock	HydraShock Coiled Tubing	Treatment Date
		12-May-2019
	Rescue Tool CT Case History	Pages
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Document Number	Approver Position	Technical Engineer
CTRT-00178	Approver Name	Logen Kanngiesser

Days stuck be	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: 1.68" CTRT
Immediate Concerns:
Lost returns to surface, no pipe movement.

SICP: 1,200 psi
Completion Specifics:

- 5.5" 23# / 5.5" 20#
- 10,710' 90°
- 19,308' PBTD
- Low Pressure
- Obstruction- Wellbore Material

While attempting a clean out of the wellbore, coiled tubing became stuck The customer attempted to work the string and pumped 180,000 scf N2 to free it. With no success they called the Tenax hotline and a team was dispatched.

Treatment:

Once the Tenax downhole specialist arrived on location they discussed wellbore conditions and immediate concerns with the onsite representative. 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 and a 1.68" CTRT was deployed with a **Δ**n control ball on seat. With the CTRT in hole, the on-site team stepped up ball size giving a more effective jarring event. 29 **Δ**nball's were fired in compression, gaining 1,000 - 3,000 lbs. of string weight back each jarring event. With a total of 8' made downhole the team switch to pulling 10,000 lbs. over string weight while deploying **Δ**nball's. Over the next 35 **Δ**nball's the coil string was pulled up hole into vertical where it became free. The hole was circulated clean and tripped to surface.