

Successful Single Trip Recovery Using Parker's 26" Open Hole Fishing and 20" Casing Tools on a Deepwater Rig

Value to Our Clients

- The 20" casing was successfully recovered, with a total length of 213m.
- The client resumed normal operations and continued with the same wellbore for further drilling.
- The client was pleased with the successful fishing operation, which was completed in a single trip following the arrival of the Fishing Engineer on board.

Challenge

- The Top of Fish position was unconventional.
- Approximately 40 hours passed after the casing was dropped and there was a risk of the hole collapsing.
- A dry formation could have potentially induced a pack-off or stuck casing situation.
- The Spear BHA-1 and BHA-2 both failed, and the TOF could not be swallowed. Additionally, the bull nose at the bottom of the Spear pack-off assembly on BHA-2 was damaged and showed marks indicating it was worn out.

Solution

- The BHA tools were designed according to the job requirements and deployed.
- A Spear BHA with an 8 1/2" taper mill at the bottom, guided by a 12 1/4" stab and a 17 1/2" stab was utilized to swallow the TOF.
- This setup was designed to center the casing position, making it easier for the spear grapple to swallow the TOF.

Result

- The 20" casing was successfully engaged and recovered in a single trip.



213m length – 20" CSG #133 ppf. | CSG wt - ~78 Klbs (buyont)
TOF – 395.5m, 20" CSG box connection.

Parker Wellbore - Well Intervention Services

- The 8 1/4" Bowen Itco releasing spear and the 20" CSG spear grapple with NC18.730" applications were used for the operation.

Location

Exploratory Well | Andaman Offshore | India

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