



CASE HISTORY

Well Intervention

Single Set – Retrievable Inflatable Packer

Location:

Offshore Azerbaijan



Challenge:

Plug and abandon well. 22" casing was stuck and cut using casing cutter.

Solution:

Run and set 2ea 14-1/2" OD Single Set Packers as big bore Bridge Plugs and dump cement on top. The first is set inside the 22" casing left in hole, and the second inside the 28" liner.

Well Description:

Subsea appraisal well.

28" liner set to 591m (1,939ft), 22" casing to surface (stuck) cut from 530m (1,739ft)

Tools Used:

7-1/2" x 14-1/2" Single Set Retrievable Inflatable Packer (750-SS)
Hydraulic Release Sub

Procedure:

- Run first 750-SS to 686m (2,251ft) inside 22" casing on drill pipe.
- Inflate Bridge Plug, then activate Hydraulic Release to disconnect.
- POOH work string, and RIH with casing cutter.
- Cut 22" casing at 670m (2,198ft), and retrieve casing above cut.
- Spot balanced cement plug on top of first Bridge Plug.
- Run second 750-SS to 510m (1,673ft) inside 28" liner on drill pipe.
- Inflate Bridge Plug, then activate Hydraulic Release to disconnect.
- POOH work string, then dump cement on top of second Bridge Plug.

Results:

- Job was performed successfully.
- Well securely abandoned.

Value Created:

- Well secured and abandoned safely, no NPT and HSE issues.
- Saved remedial cementing costs to plug well.
- Saved further daily rig rates due to remedial operations to abandon the well.

