



## CASE HISTORY

Well Intervention

EPIC™ Solutions – TAMCAP and MTM Port Collar

### Location:

### Offshore – North Sea



### Challenge:

Stage cement tapered tieback string run after cut and pull operations remove 1,000 ft. (305m) of leaking 9-5/8 in. intermediate casing.

### Solution:

Run inflatable packer and metal-to-metal port collar as integral components of the tieback string in order to perform an off-bottom cement job above the existing production packer and lower completion.

### Well Description:

Horizontal Oil Producer

### Tools Used:

7 inch TAMCAP and MTM Port Collar

### Procedure:

- Run tieback with CAP and Port Collar and locate in existing leaking PBR
- Land off casing and pick up 7 inch Combo Tool on 3-1/2 inch drill pipe
- Locate Combo Tool in Port Collar profile
- Increase pressure to open SafeLok™ valves and inflate CAP
- Pick up to disengage Combo Tool and pressure test under CAP
- Locate Combo Tool in Port Collar profile
- Slack off 35,000 lbs to open ports and circulate the hole
- Perform off bottom cement job to isolate and anchor tieback string
- Close the Port Collar with 30,000 lbs of overpull
- Pressure test the Port Collar to confirm MTM seals are engaged
- POOH

### Results:

- Tieback string successfully cemented in place

### Value Created:

- TAM port collar leaves unrestricted, full-bore ID without the need to drill out plugs or seats common in hydro-mechanical stage tools saving the operator significant time typically spent on milling and debris management
- This solution allowed the operator to retain the existing well slot, restore full integrity to production casing and deliver full reservoir and gas lift isolation from surface casing string

