



Weatherford®

REAL RESULTS

Specially Constructed Spear Enables Operator to Successfully Recover E-Line from Offshore Egyptian Lateral

Objectives

- Retrieve 4,902 ft (1,494 m) of e-line that had been severed in an offshore Egyptian well.
- Retrieve the logging tool in the openhole section by fishing through the casing window.

Results

- Weatherford retrieved 3,857 ft (1,175 m) of e-line in the parent wellbore without incident.
- A special rope spear, constructed from 3 1/2-in. drillpipe, was used to fish through the shallow-angle QuickCut™ window into the openhole lateral section. Protection for the barbs prevented them from inadvertently hooking the retrieval slot in the shallow-angle whipstock assembly during implementation.
- Three runs over the course of 22 days were conducted with the spear, retrieving another 1,045 ft (319 m) of e-line without interference.
- A final overshot run was made to 17,139 ft (5,224 m), enabling the successful recovery of the lost logging tool to the surface.

Value to Client

- The full gauge shallow-angle QuickCut window profile removed the perceived risk typically associated with fishing operations through casing windows.
- Full recovery of the e-line and logging tool saved the operator considerable time and expense.



Weatherford constructed a special rope spear from 3 1/2-in. drillpipe to enable the successful recovery of 1,045 ft (319 m) of e-line that was lost in the openhole lateral section of an offshore Egyptian well.

Client
BP Egypt

Location
Offshore Egypt

Formation
Silt and mudstone

Lateral Hole Drilled Size
10 5/8-in. × 12 1/4-in OD
bicentered bit

Hole Angle
37°

Whipstock Type and Size
Mechanical shallow-angle
QuickCut 10-in. OD,
2° concave/RMN-type anchor

Casing Type, Size and Inclination at Junction
11-3/4 in., 65 lb/ft, P 110,
6° inclination

Products/Services

- Fishing and re-entry services
- Shallow-angle QuickCut casing exit system