

Oceanengineering successfully completes its 2016 subsea wellhead clean-up and inspection campaign

Wellhead clean-ups and inspections are often carried out to gain an accurate overview of well conditions before undertaking the final abandonment planning phase.

Oceanengineering augments its position as the leading subsea wellhead severance contractor by undertaking these scopes of work either on a multi-client or stand-alone campaign basis.

Project Overview

Oceanengineering was contracted by a North Sea operator to undertake the clean-up and inspection of six North Sea wells comprising one subsea well and five mudline wells. These wells, with spud dates ranging from 1978 through 1992, had documented histories of known issues and survey evidence of likely, but unknown, issues.



In this instance, Oceanengineering contracted the AHTS Island Vanguard, with its Oceanengineering supplied Magnum work class ROV, to undertake the works. We supplied all project tooling, either directly from our tooling inventory or sourced from our supply chain partners, and provided wellhead subject matter experts (SMEs) to oversee the cleaning and inspection works.

Oceaneering also provided the client with online, live stream video links so that any areas of interest could be viewed real time.

The scopes of work included:

- » As-found survey
- » Debris recovery
- » Net guard recovery
- » Debris cap recovery
- » External wellhead cleaning
- » Internal wellhead cleaning
- » Casing flushing to remove sediment infill (to top of cement or to access temporary abandonment caps)
- » External video inspection
- » Down hole video inspection
- » Metrology including point of refusal tagging
- » Verification of as-is installed equipment
- » Identification of non-conformances
- » Leak tracing
- » Debris cap installation
- » As-left survey
- » Well report

Note: Oceaneering can also undertake additional services including open water wireline logging, cement patio break-up, anchor pile removal, access dredging, etc., as required.

The project was successfully completed within schedule and without health, safety, or environmental issues. It allowed the operator to start the final abandonment planning process with confidence and knowledge of the non-conformances relating to each well.

Note: Subsequent to completing the clean-up and inspection scopes of work, the operator arranged for further remedial works to be carried out on several of the wells. Oceaneering completed this additional work scope during its 2016 Wellhead Removal Campaign.



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