

Oxifree

Case Study

TALISMAN
ENERGY

Location: North Sea – Piper Bravo

Date: July 2013

Customer: Talisman

Weather: varied

Introduction

Talisman Energy Inc. is a global upstream oil and gas company, headquartered in Canada. Talisman has three main operating areas: the Americas (North America and Colombia), Southeast Asia and the North Sea, with an active exploration programme across all three. Talisman is committed to conducting business safely, in a socially and environmentally responsible manner, and is included in the Dow Jones Sustainability (North America) Index.

Objective

Oxifree UK were contracted to coat a complete Christmas tree aboard the Piper Bravo, located within the North Sea to provide life extension of the asset and associated peripheries.

Process

Oxifree UK were requested to visit the Piper Bravo platform to perform live component coating and protection using specialised ATEX rated equipment. The project involved coating 1 x complete “Christmas tree” during a 5 day operation.

The process was to involve 2 x Oxifree Technicians, 1 x ATEX Polymelt 50 machine and 1 x ATEX rated transformer.

Project

The entire project revolved around feasibility and practicality of Oxifree application on the Piper Bravo asset maintained and operated by Talisman Energy. 1 x complete operational “Christmas tree” was selected by senior operational staff within Talisman to test the ability to coat and protect live equipment following the successful trial carried out over a 12 month period.

The 5 day duration was selected to allow time to raise all permits and HSE documentation and to ensure the supplied equipment was suitable to complete works on the asset.

Outcome

Oxifree UK were contracted to visit the Piper Bravo platform to carry out a coating project of a red anomaly Christmas tree stack. Following completion of the 3 day project, Oxifree technicians were requested to remain aboard the installation to conduct further asset life extension on various different joints, valve assemblies and flanges. Oxifree Technicians remained aboard the Piper Bravo for 16 days and completed an extra 23 red anomaly joints and valve unit assemblies before being demobilised due to further commitments.

Oxifree coating techniques are now to become common place aboard the Piper Bravo installation and throughout the Talisman fleet.

