FMC Technologies

Talisman Hannay, Ross & Tartan

U.K. Blocks 20/5c, 13/28a, 15/16a

Landmark: U.K.'s First Installation of a Drill-Through Horizontal Tree

Project Overview

Contract Award:	2001
Sales:	Dunfermline, U.K.
Fab. Trees:	Dunfermline, U.K.
Fab. Controls:	Non-FMC
Service Base:	Aberdeen, U.K.
Host Type:	Semi (Hannay) FPSO (Ross) Platform (Tartan)
Contract Type:	Frame Agreement

Project Characteristics

No. Trees:	3
Water Depth:	140 m (460 ft)
Tree Type:	EHXT
Tree Pressure:	10,000 psi
Tree Bore Size:	5"x2"
Hydrocarbon:	Oil

Project Ownership

Hannay:	
Talisman	86%
EDC	13%
First Oil	1%
Ross:	
Talisman	56%
ENI	16%
Paladine	15%
Intrepid	13%
Tartan:	
Talisman	100%

Scope of Work

- Three (3) enhanced horizontal 5"x2" 10,000 psi subsea trees
- Concentric all metal-to-metal sealing tubing
- Two (2) 18-3/4" UWD-15 subsea wellheads
- One (1) 13-5/8" subsea wellhead
- Alloy steel block with Inconel 625-clad metal sealing wireline plug
- Gas lift and production chokes
- Tubing Hanger Independent Secondary Lock (THISL)
- Workover control system
- ROV interface/override
- Tool rental
- Diverless workover
- Subsea system approved by the Scottish Fishing Federation as a fishing-friendly protection structure
- System integration, testing, installation assistance, service and maintenance

Comments

Hannay: The Heavy Architecture (HA) production-enhanced horizontal tree for this well is the second Hannay production well and is located 13 km (8 miles) northwest of the Buchan Alpha production facility.

Ross: This well was the eleventh Ross completion and was the first drill-through enhanced horizontal subsea tree installed in the U.K. It produces to the Bleo Holm FPSO, 2.2 km (1.3 miles) away from the well.

Tartan: The Heavy Architecture (HA) production-enhanced horizontal tree for the Tartan North Terrace was drilled as an exploration well 3 km (2 miles) north of the Tartan platform. Following a positive well test, the subsea tree was run. The well was put onstream in 2004.

Worldwide Headquarters:
FMC Technologies
1803 Gears Road
Houston, TX 77067, USA
Phone: +1 (281) 591 4000
Fax: +1 (281) 591 4291

www.fmctechnologies.com

Regional Sales Office:
FMC Technologies
Riverside House
Riverside Drive
Aberdeen AB 117 LH
Scotland
Ph: +44 1224 224600
Fax: +44 1224 224601