

Saxon Development Detailed Design

Bibby Offshore Limited

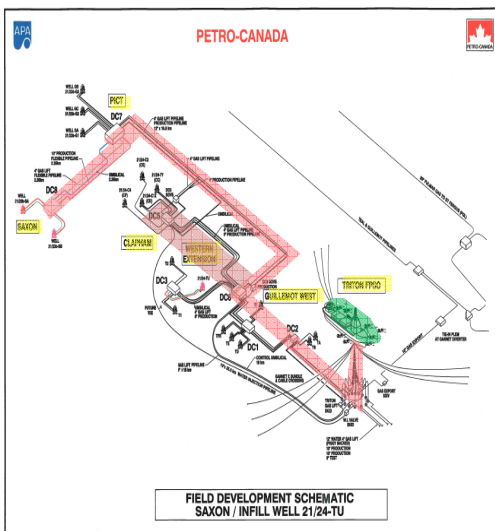
OIL

The Saxon development undertaken in 2006 consisted of two production wells, tied back to an adjacent Drill Centre 8 (DC8) Manifold, and a new infill subsea production well 21/24-TU tied into the existing DC3 Manifold. Flexible production and gas lift flowlines and a combined control/ CI umbilical linked the new DC8 Manifold to the existing DC7 Manifold, for onwards transmission to the Triton Floating Production, Storage and Offloading vessel via the Pict, Clapham, Guillemot West and Northwest fields infrastructure.

Tie-in operations were achieved via the installation of rigid production and gas lift 'Z-spools' at each tree and at the DC8 Manifold, in conjunction with flexible production and gas lift jumpers and a controls/ CI jumper bundle.

Andrew Palmer & Associates scope of work:

- Pipeline routing and protection
- Subsea control and jumper layouts
- Pipeline design and works authorisation support
- Flexible and umbilical lay analysis
- Structural design of manifolds and piping
- Dynamic installation analysis of 65Te manifold using Orcaflex programme



Location: North Sea, UK
Block: 21/23b
Water depth: 85m
Duration: 20 weeks

Contract: Reimbursable

Manhours:

<500	500-5000	5000-10,000	>10,000
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Penspen Value:

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