

Gryphon 2005

Operator:

Kerr McGee

KERR-McGEE CORPORATION

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USA

Telephone (405) 270-1313

Client:

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In the beginning of 2005, NKT was awarded the supply of one 10"ID static production flowline, one 2½"ID gas lift jumper, a 6"ID production flowline and a number of 6"ID production jumpers for the Gryphon Field in the UK North Sea.

| Field | Type | Application | Length (m) | Design Pressure (psi) | Design Temperature |
|---------|-----------------------|-------------|------------|-----------------------|--------------------|
| Gryphon | 2.5"ID Static Jumper | Gas Lift | 1@100m | 3011 | 65°C |
| Gryphon | 6"ID Static Flowline | Production | 1@1552m | 3011 | 65°C |
| Gryphon | 6"ID Static Jumper | Production | 9@7170m | 3011 | 65°C |
| Gryphon | 10"ID Static Flowline | Production | 1@1690m | 3011 | 65°C |

Our client and operator of the field Kerr McGee has a four well development programme, three new wells plus one existing but suspended well, tying back to Gryphon. The production is routed to the Gryphon 'A' FPSO via the 10"ID sweet bore production flowline from NKT Flexibles. At the 112m deep Gryphon field the FPSO handles production from two other fields in addition to the Gryphon field.



Unlike many other FPSOs Gryphon uses five thrusters and a dynamic positioning system to maintain the optimum heading and minimize the rolling effect that can have a negative impact on crude-processing equipment.

NKT Flexibles I/S is an independent company owned 51% by NKT Holding and 49% by Acergy. The company is responsible for manufacture and supply of flexible pipe systems for the offshore oil & gas industry as well as the chemical and water industry.