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Fields under development

Oseberg South

Tune

Huldra

Gulfaks satellites phase II

Snorre II

Sygn

Oseberg South

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|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| Blocks and production licences | Block 30/9 – production licence 079. Awarded 1982. Block 30/9 – production licence 104. Awarded 1985. Block 30/9 – production licence 171. Awarded 1991. | |
| Progress | Government approval: June 1997 Production start-up: February 2000 | |
| Operator | Norsk Hydro Produksjon a.s | |
| Licensees | Den norske stats oljeselskap a.s (SDFI 38.36%) Norsk Hydro Produksjon a.s Saga Petroleum ASA Norske Conoco A/S Mobil Development of Norway AS | 56.58% 21.88% 10.14% 7.70% 3.70% |
| Recoverable reserves | Oil: 53.5 mill scm Gas: 11.4 bn scm | |
| Production | Planned plateau rate is 124 000 barrels/day oil and 1.06 bn scm gas | |
| Investment | Total investment is likely to be NOK 9.6 bn (2000 value) | |

Oseberg South was discovered in 1984 and comprises several structures south of the main Oseberg field. Water depths are about 100 metres. Development plans are based on a new platform for partial processing before the oil is piped to the Oseberg field centre for further treatment and onward transport to land through the Oseberg Transport System (OTS). Associated gas will be injected.

Oil production began on Oseberg South in February 2000 using a well drilled from the Oseberg field centre. The Oseberg South platform is due to come on stream in September 2000.

Tune

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| Blocks and production licences | Block 30/4 – production licence 034. Awarded 1969. Block 30/6 – production licence 053. Awarded 1979. Block 30/8 – production licence 190. Awarded 1993. | |
| Operator | Norsk Hydro Produksjon a.s | |
| Licensees | Den norske stats oljeselskap a.s (SDFI 50%) Norsk Hydro Produksjon a.s Saga Petroleum ASA Elf Petroleum Norge AS Total Norge AS A/S Norske Shell | 50% 30% 10% 10% |
| Resources | Gas: 24 bn scm Condensate: 6.1 mill scm NGLs: 0.1 mill tonnes | |

Tune extends across three licences, with the bulk of the reserves concentrated in production licence 190. The field is being developed as a satellite to the Oseberg D platform. A plan for development and operation was approved by the authorities on 20 December 1999, with production scheduled to start in the autumn of 2002 and regular gas deliveries commencing on 1 October of that year.

Huldra

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| Blocks and production licences | Block 30/2 – production licence 051. Awarded 1979. Block 30/3 – production licence 052. Awarded 1979. | |
| Progress | Government approval: February 1999 Production start-up: October 2001 | |
| Operator | Den norske stats oljeselskap a.s | |
| Licensees (rounded to two decimal places) | Den norske stats oljeselskap a.s (SDFI 31.96%) Total Norge AS Norske Conoco A/S Petro-Canada Norge AS Svenska Petroleum Exploration AS | 51.62% 24.33% 23.34% 0.50% 0.21% |
| Recoverable reserves | Gas: 18.7 bn scm NGLs: 0.3 mill tonnes Condensate: 7.4 mill Sm ³ | |
| Production | Planned plateau rate is 3.2 bn scm gas and 1.7 mill scm condensate | |
| Investment | Total investment is likely to be NOK 5.9 bn (2000 value) | |

Huldra was discovered in 1982. A plan for development and operation, submitted to the authorities in December 1997, calls for an unstaffed jack-up wellhead platform in 125 metres of water, tied back to processing facilities for condensate and gas. Huldra has been allocated a gas supply contract, with commercial deliveries due to start on 1 October 2001.

Gullfaks satellites phase II

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| Blocks and production licences | Block 34/10 – production licence 050/050B. Awarded 1978. Block 33/12 – rights to that part of Rimfaks which extends into 33/12 have been acquired by the licensees of block 34/10. | |
| Progress | Government approval: June 1998 Production start-up: October 2000 | |
| Operator | Den norske stats oljeselskap a.s | |
| Licensees | Den norske stats oljeselskap a.s (SDFI 73%) Norsk Hydro Produksjon a.s | 91% 9% |
| Recoverable reserves | See chapter 14, pages 95-96 (Gullfaks South and Rimfaks) | |

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|-------------------|-----------------------------------------------------------------------------------------|
| Production | Planned plateau rate is 34 000 barrels/day oil, 4.8 bn scm gas and 0.5 mill tonnes NGLs |
| Investment | Total investment is likely to be NOK 7.2 bn (2000 value) |

The Gullfaks satellites phase II project embraces production and export of gas resources and associated liquids in the Gullfaks South and Rinfaks fields. This development involves subsea installations tied back to the Gullfaks A and C platforms. The gas will be processed to rich gas before being transported to Kårstø via a new rich gas line from Gullfaks which ties into Statpipe. Oil and condensate will be stabilised, stored and loaded from existing facilities on the platforms. The water depth in the area varies from 135 to 216 metres.

Snorre II

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| Blocks and production licences | Block 34/4 – production licence 057. Awarded 1979. Block 34/7 – production licence 089. Awarded 1984. |
| Progress | Government approval: June 1998 Production start-up: August 2001 |
| Operator | Norsk Hydro Produksjon a.s |
| Licensees | Den norske stats oljeselskap a.s (SDFI 31.4%) 44.40% Saga Petroleum ASA 8.72% Esso Expl & Prod Norway A/S 11.16% RWE-DEA Norge AS 8.88% Idemitsu Petroleum Norge AS 9.60% Norsk Hydro Produksjon a.s 8.93% Elf Petroleum Norge AS 5.95% Amerada Hess Norge AS 1.18% Enterprise Oil Norwegian A/S 1.18% |
| Recoverable reserves | See chapter 14 (Snorre) |
| Production | Planned plateau rate is 108 000 barrels/day oil |
| Investment | Total investment is likely to be NOK 14.2 bn (2000 value) |
| Operating organisation | Stavanger |
| Main supply base | Florø |

The Snorre II project covers development of the Snorre field's northern flank, and is based on a semi-submersible platform. Oil and gas will be piped to Statfjord B for storage and export. A plan for development and operation of Snorre II was submitted on 19 December 1997.

Syгна

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| Blocks and production licences | Block 33/9 – production licence 037. Awarded 1973. Block 34/7 – production licence 089. Awarded 1984. | |
| Progress | Government approval: April 1999 Production start-up: third quarter 2000 | |
| Operator | Den norske stats oljeselskap a.s | |
| Licensees (rounded to two decimal places) | Den norske stats oljeselskap a.s (SDFI 39.45%) Esso Expl & Prod Norway A/S Mobil Development of Norway AS Norske Conoco AS A/S Norske Shell Saga Petroleum ASA Idemitsu Petroleum Norge AS Norsk Hydro Produksjon a.s Elf Petroleum Norge AS RWE-DEA Norge AS Enterprise Oil Norwegian A/S | 54.73% 10.23% 8.25% 6.65% 5.50% 2.20% 4.32% 3.78% 2.52% 1.26% 0.57% |
| Recoverable reserves | Oil: 9.3 mill scm Gas: 0.6 bn scm | |
| Investment | Total investment is likely to be NOK 1.6 bn (2000 value) | |

This discovery, made in 1996, straddles the boundary between production licences 037 and 089 near Snorre and Statfjord. Plans call for Syгна to be developed with a subsea production system tied back to Statfjord C.

