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## Goodwyn A Foundation Installation

Client:

**Woodside Offshore Petroleum**

Main contractor:

**Heerema Marine Contractors**

Location:

**Northwest shelf Australia**

Date:

**1994**



### Case study

In 1993 Woodside Offshore Petroleum Pty. Ltd completed construction of the Goodwyn "A" steel jacket offshore platform which is piled to the seafloor in 130 m deep water on the Northwest Shelf of Australia. Due to difficult soil conditions the jacket was primary founded with 2,65 m diameter piles driven to a depth of 116m below the mudline. Followed by 2,0 m diameter insert piles drilled and grouted to a depth of 181m below the mudline.

On request of Heerema a special top drill rig was designed by Wirth and DDC to meet the specified drill rig features. Such as:

- stroke of 10m to suit 9m drill pipe.
- top head drive with air, water & discharge swivels
- 200mT pull capacity
- reverse circulation principle
- 300mm internal diameter water course
- bottom hole assembly diameter 2500mm
- tilting mast with hoist cylinders fully enclosed in mast legs

### Contact gegevens



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### Related images



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- Wirth / DDC

