RDS rig reactivation and modification services cover a wide range of work; from a minor piping reconfiguration to a complete rig reactivation. We can assist oil and gas operators and rig owners throughout an entire Brownfield project, from conceptual engineering through to detail design and construction support. By using cost effective high quality engineering centres, RDS is able to offer a distinctive and accountable Brownfield drilling facilities engineering service.

The skills and capabilities available within our Brownfield engineering team include:

- Drilling facilities engineering
- Drilling operations know-how
- Offshore structural engineering
- Layout design, including 3D modelling in all major platforms
- Drilling process and piping engineering
- Mechanical engineering
- Electrical, Instrumentation & Control engineering
- Telecommunications
- Health, Safety and Environment
- Project management, including cost control, planning, QA and Risk Management
Track Record

Recent work completed includes the Thistle Rig Reactivation, a first generation drilling package that had been idle for 20 years. Following RDS’ involvement on a significant and safely executed $60m Brownfield upgrade, this facility is now capable of drilling well depths of 17,500 ft. Brownfield work on other installations for clients such as ExxonMobil, Repsol and Talisman Energy has included feasibility studies, FEED and detail design of topdrive installations or upgrades, installation of cuttings handling systems, rotary table modifications, mechanisation of tubular handling systems, modifications to increase circulating capacities and environmental improvements.

Thistle derrick

Thistle shale shaker

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