



Red Stone Drilling is a well engineering consultancy created to enhance performance of well engineering departments worldwide. Red Stone Drilling has four main business streams:

- Well Project Management
- Drilling Advisory Function
- Well Performance Management
- Consultancy Services.

Well Project Management

The Well Project Management function supplies Well Engineering & Project Management services. Red Stone Drilling is uniquely positioned to assist oil & gas companies with:

- Conceptual and detailed well design.
- Rig site selection.
- Rig selection, inspection and acceptance.
- Equipment procurement.
- Well Project Management Documentation.
- Operational management.
- Risked Cost engineering and risked AFE preparation.
- Contract design and management.
- Legislative requirements.
- Third party services tendering and selection.
- Logistics planning and supervision
- Detailed offset data or performance analysis
- Independent event investigation (Causal factor analysis)
- Detailed drilling engineering assignments
- Risk assessment and risk mitigation
- Selecting differentiating technologies

In order to conduct any of the assignments described above, Red Stone Drilling has access to a number of very experienced well engineering professionals covering a variety of disciplines such as:

- Drilling Engineering
- Completion Engineering
- Subsea Engineering
- Reservoir engineering

In short Red Stone Drilling can undertake any assignment an upstream oil & gas company needs to plan and execute a drilling programme. In addition to this, we are well positioned to conduct offline drilling or well engineering studies. These assignments can either be conducted at your offices or our offices.

Drilling Advisory Function

This function represents a unique and completely independent group to allow a flexible and impartial view of all well engineering processes. The Drilling Advisory Function was created to assist small oil companies with limited or no knowledge in well engineering or where the well engineering is outsourced, that *their* well objectives are met. This includes representation at partner meetings, peer reviews and risk assessments.

The drilling advisory function undertakes assignments to advise well engineering groups on complex, non standard well engineering (HP/HT, ERD, Well Control and under balanced drilling).

Capability Statement

Well Performance Management Function

The Well Performance Management function has been created to help organisations become more efficient by optimising their business processes.

This business unit specialises in Business Process Mapping (BPM) for the upstream Oil & Gas industry and in particular processes used by well engineering groups. This is achieved by either analysing an existing process or creation of a new process. An integral part of this function is to analyse and optimise the content underpinning the process. Optimization of a business process has many advantages:

- It creates a more efficient organisation, which in turn
- leads to a better motivated workforce
- It creates an organisation where non-compliance is minimized
- It creates transparency
- It creates a common platform
- It optimises workflow

The process mapping is achieved by using proprietary software developed by Metastorm (www.metastorm.com) and Red Stone Drilling has engaged in a strategic alliance with Metastorm. This alliance creates a strong team with complementing skills. The deliverable is an essential business tool for your well engineering group - which belongs to the well engineering group rather than to the IT department.

In addition to the BPM service, we can assist well engineering departments with (improving) risk management and project management.

Red Stone Drilling has a risk management tool which allows the user to create a probabilistic time & cost estimate based on an operational outline and a risk register. The output from this software tool is a risked probabilistic time & cost estimate and / or AFE including a detailed risk register. We believe that this software tool to generate DCE's or AFE's is unique and will transform the way in which DCE's and AFE's are generated, presented, approved and managed within your organisation.

Red Stone Drilling can assist you with streamlining the well construction process by adopting a total project management approach. We have a project management tool based on *Prince2* project management principles.

As is the case with the Business Process Mapping tool, this is an essential business tool for your well engineering group - which belongs to the well engineering group rather than to the IT department. The combination of optimising a well delivery process, using BPM software, adopting our risk management tool and adopting a total project management approach to a well construction process are the foundation to implement and manage a continuous improvement plan.

Consultancy Services Function

The Consultancy Services function was created to supply the upstream oil & gas industry with high calibre, performance driven individuals to improve your overall performance. The main function of this business stream is to analyse past performance in terms of project plan vs actual, key performance indicators (KPI's), GAP analysis, operational readiness and benchmarking.

Our approach is unique because we understand your needs better than the average consultancy. Our people working on these types of assignments are highly experienced individuals in the well engineering discipline.

If you require any additional information please visit our website (www.redstonedrilling.com) or alternatively contact us on info@redstonedrilling.com

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