



RAU GROUP OF COMPANIES

Oil & Gas Services



We Go Above And Beyond Of Every Job, Period.

Surface Data Measurement

Measurement and data recording include depth, bit location, rate of penetration, hookload, weight on bit, RPM, rotary torque, pump pressure, casing pressure, pump-strokes, pit volumes, flow rate, mud weight and mud temperature. Options include mud conductivity, pH and electromagnetic flow meter readings.

Gas Analysis

Gases are separated from the mud by a specially designed constant flow extractor placed at the shale shaker. The gas/air mixture is analyzed by TCD-based Field Chromatograph or Total Gas equipment and more complex FID-based analyzers.



inside a mud logging unit



Mud Logging

As an extension of RGC drilling Fluids, RGC also provides mud logging services. RGC has worked closely with OMV in Yemen in developing mud logging equipment. RGC Mud Logging provides clients with real time drilling information that is useful with drilling exploration wells where decision making is essential to save costs.

Geological Functions

Services provided include geological and formation evaluation based on continuous cuttings description, fluorescence testing and analysis of Chromatograph and Total Gas readings. Monitoring of the drilling operation, detection and reaction to any critical changes in drilling parameters, thus facilitating early recognition of potential problems. Data acquisition, display, storage and processing information is instantly duplicated at the Driller's monitor on the rig floor and in the Toolpusher's or the company representative's office. A comprehensive software library of programs that yield information on formation pore pressure, fracture gradients and hydraulics, providing further technical assistance. A record of bit usage and cost is made with the compilation of a final well report.

Completion Services

RGC is one of the leading companies to provide completion services and materials. The RGC Completion division provides all completion services necessary to complete the wells in a safe, efficient and cost effective manner so that the operator can meet its objectives of producing and processing hydrocarbons at optimum cost.

The RGC Completion department in Oman has a workshop in Fahud, which acts as the focal point for all completion operations in the South and North of Oman. All the completion material is collected by the completion workshop assembled and tested under the supervision of one of our completion engineers who accompany the completion equipment himself to the rig site.

Completion workshop activities include:

- Checking the compatibility of the completion material with the completion program provided by the client
- Assemble and torque up the completion items with pup joints to enable the rig to handle it and run it on the wells

- Install the accessories that might be required for the completion items
- Pressure testing the assembled completion items, for checking and verification of the assemblies before running them on the well

Completion services include:

- Supply of experienced and qualified completion engineers
- Supervise all types of completion
- Provide technical support with full supervision from our engineers for the rig in terms of completing the wells

Some of the well completion types that we are capable of handling include:

- All types of completion for water injector wells
- Dowel completion strings
- High pressure and high temperature wells
- Oil and Gas wells

The Completion services department can also supply completion materials to various clients through our partners. Completion material we can supply include:

of velocity strings, and permanent abandonment of both oil and gas wells. A RGC designed and custom built platform is used on Dual Completions, where MPLTs are run alongside a Beam Pump operating on the second string.

Coiled Tubing Assisted Operations include:

- Stimulation treatments
- Spotting cement plugs
- Squeezing operations for zone isolation/water or gas shut off
- Fishing/milling operations
- Well killing
- Sand cleanouts
- Kicking off wells with Nitrogen
- Memory Production Logging



- Side Pocket Mandrels
- Gas Lift Valves Packers
- Low Pressure Well head

Coil Tubing Services

RGC provides fully integrated Coil Tubing Services, together with the required engineering. RGC owns and operates state-of-the-art Coiled Tubing units. This, combined with a highly professional and experienced crew has enabled us to provide our clients with high quality services, while maintaining high standards of safety in all our operations. Our ongoing focus on training, quality and Health, Safety & Environment (HSE), has also played a significant part in maintaining these high standards.

The Coil Tubing operations are monitored and controlled by the latest computer software for specialized applications, licensed from the technology leaders in the industry. In addition to standard coil tubing assisted jobs (like Stimulation, Fishing, Cementing, MPLTs Logging and Milling jobs) for our clients, we have also performed CT assisted rig-less work-over services, CT conveyance for logging in horizontal wells, installation of coiled tubing mounted electrical submersible pumps (ESPs), installation



Affiliate Partners

ICE PARTNERS INTERNATIONAL LTD
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