### **COMPANY PROFILE**





### "Helping Our Customers Achieve Superior Results"

Canrig's products and services will be core to our customer's ability to differentiate through performance. We will achieve this with highly engaged employees and extremely loyal customers.

For years Canrig has built its reputation on what may well be the best top drive in the industry. But it was only one product. Today things have changed. Our commitment to new product development ensures that there will be an ongoing pipeline of products and services designed to deliver unparalleled levels of safety and efficiency. All are backed by Canrig's reputation for quality and reliability. This new diversity is why we can say with confidence that Canrig offers you innovative technology built to last.

Canrig's commitment to safety is reflected in the design of our equipment. We also apply the same philosophy to our operations. Even during periods of heightened activity and growth, we have maintained our lost time incident rate at an extraordinarily low level and well ahead of national averages for our industry. These results can be attributed to our commitment to behavior-based safety programs.



Behavior-based safety creates a workplace environment where employees feel empowered to eliminate hazards within their influence and report those hazards they may not be able to control.

Canrig has even developed a company-wide employee safety team approach in which participants take an active role in encouraging one another to work together and share the project load while solving problems or creating solutions.

Whether at the wellsite or on the manufacturing floor, you can count on Canrig to continue to make everyone's personal safety our top priority.

### COMMITTED TO CUSTOMER LOYALTY

Our relationship with the customer is paramount to our continued success. We are committed to being customer-centric and focused on building long-term professional relationships by helping our customers achieve superior results. In fact, we have recently introduced an entire movement dedicated to researching and evaluating the needs and wants of our customers.

We actively engage our customer base and use this feedback to drive change throughout our organization. Some changes are operational in nature and the customer will see immediate results, while others are more strategic requiring longer cycles for the results



to be visible. As the needs of our customers change, our goal is to listen and adjust our business to exceed their expectations.

Our goal is to create a spirit of partnership with our customers, providing the products and services they need to succeed in the industry.



### OP DRIVE SYSTEMS

Canrig is one of the world's leading suppliers of top drive drilling systems for the oil and gas industry. The company manufactures and services a full range of critically engineered electric top drives in every size and configuration for any drilling application or environment. Canrig products are also durable. Many of the first top drives delivered by the company continue to perform efficiently today.

That's why Canrig top drives set the standard for safety, reliability and efficiency. Superbly engineered products and unparalleled service have moved the company to the forefront of the top drive drilling industry.

### **CASING RUNNING TOOL**

Canrig's casing running tool SureGrip® utilizes unique ball-bearing technology to provide a firmer grip that is less damaging to casing. SureGrip® also increases operational safety by reducing personnel, equipment and manual handling, and integrates seamlessly with the Canrig top drive's leading technology.

### **AUTOMATED FLOOR WRENCH**

The Canrig Torq-Matic™ fully automated floor wrench has quickly developed a reputation for performance and reliability.

With an articulated arm, PLC controls and remote operation, it provides the optimum in personnel safety and operational efficiency and extends the life of the drill pipe.

#### **DRAWWORKS**

Canrig is taking a new approach to the way a drawworks is made, and we are working to set a new industry standard in the process.

The Commander™ Drawworks brings more than 50 available design configurations, allowing you to choose the number of motors, their power type, horsepower and layout, along with the number of speeds and the braking system. Combine these features with one of the smallest footprints and lightest drawworks in the industry, and you can see why the Canrig Commander™ Drawworks is set to revolutionize the way we think about a drawworks.

## CAPITAL EQUIPMENT

### **CONTROL SYSTEMS**

Canrig designs and manufactures control systems which comprise the core of AC drilling rigs. These systems consist of three key elements:

- Control Software Enables the driller to have safe, reliable operation of the complete rig
- Customizable Control Cabin Purpose-built to optimize sight line and work space requirements
- Power House Incorporates best-in-class components packaged to optimize safety and reliability for any application

Canrig's capabilities and experience as the original manufacturer of drilling equipment uniquely positions us to provide control systems that allow for seamless integration and superior operation of all rig components.

### **CATWALK**

The Canrig Automated Power Catwalk virtually eliminates human interaction with tubulars during pickup and laydown operations. This prevents accidents during what has historically been a hazardous activity. The Automated Power Catwalk also delivers casing to the drill floor, eliminating the need for additional specialized services at the wellsite. This powerful combination of improved safety and increased efficiency is why automated catwalks are rapidly becoming standard equipment on drilling and well servicing rigs.

### CAPITAL EQUIPMENT RENTAL

In many cases it makes economic sense for operators or drilling contractors to rent drilling equipment. Canrig offers top drives, catwalks, K-Boxes® and SureGrip® on a short, medium or long-term basis. This gives users the opportunity to utilize other services like ROCKit® which otherwise may be unavailable.









### NON STOP DRILLER

Non Stop Driller is a sub-based constant circulation system which enables the continuous circulation of drilling fluids downhole while making or breaking drill pipe connections. The system has been designed to address operator concerns including drilling efficiency, operational safety, hole condition and equipment integration.

With Canrig's NSD system, continuous circulation and true constant bottom hole pressure while making connections is a reality. This improves wellbore stability and hole cleaning, reduces the risk of kicks, and optimizes drilling performance.





### OFFSHORE HANDLING EQUIPMENT

Canrig now offers a package of equipment for a mechanized jack-up drilling rig. The combination of products and technologies significantly enhances Canrig's capability to meet the needs of contractors and operators, particularly in the offshore market, providing safer, more efficient drilling equipment.

Canrig has the ability to conduct online and offline tasks at the same time. Our pipe handling package is lightweight, simple and reliable. The proven designs are easily able to revert to automated or manual modes. This package is adaptable to all jack-up designs.

### Featured products include:

- Pipe Racking Systems
- Standbuild Systems
- Casing Stabilizing Arms
- Catwalk Machines
- Knuckleboom Crane and Grabs
- Horizontal to Vertical Arms
- Telescoping Access Baskets
- Lower Racker Arms/DFMA
- Trailing Arms
- Centralized Power Units



# CAPITAL EQUIPMENT



# WELLSITE DATA ACQUISITION AND DISTRIBUTION

### **CUSTOMER SUPPORT CENTER**

The costs associated with downtime and the frustration expressed by our customers when unable to get adequate technical assistance are the prime reasons Canrig has developed a unique, effective and dedicated service organization. RIGLINE 24/7™ is structured to ensure that customers optimize the value of their equipment investment.

Each customer is assigned a Field Service Coordinator who acts as the primary Canrig operational contact. Field Service Coordinators are technical experts who possess an advanced education, have significant Canrig field experience and have completed the highest levels of internal training. Our technicians are strategically positioned across the U.S. and are trained for quick response.

### **DIGITAL MUDLOGGING**

Canrig's digital mudlogging software is simply the best wellsite log-generation package available, creating clear and concise well logs utilizing cutting-edge technology. We provide real-time digital mudlogging services in a variety of presentations and scales. Customized formats are available and all mudlog and drilling parameters are stored within the wellsite database.



### **EQUIPMENT CONDITION MONITORING**

RigWatch® ECM offers a step change in the approach to enhanced maintenance of equipment. Monitoring the condition of equipment is not only possible but proven to be effective.

Using sophisticated sensors, purposebuilt software and Web-based data archiving, Canrig helps you achieve an even greater level of equipment reliability and performance. RigWatch® Fuel Management is a product that is targeted to operators and drilling contractors who pay for the fuel or are required to manage engine emissions.

### INSTRUMENTATION

Canrig's RigWatch® Suite supports industry standard wellsite communication technologies as well as industrial protocol to collect knowledge from previously dispersed data sources such as tour sheets, reports, automated equipment and surface and downhole instrumentation from third-party service providers. It allows wellsite personnel to have immediate access to data, improving the speed and accuracy of decision making.

myWells.com® provides live wellsite information in real time as is occurs, facilitating more timely and accurate decision making. It enables collaboration and sharing of knowledge among technical experts within the same organization, as well as with external partners.

**Well List** 

Rig #14 Well Name Bolton

RigWatch® Pulse is knowledge on the go.

No matter where you are, you can stay in touch with the vital signs of your rig using your iPhone, iPad or Android mobile device.

Drilling status, rig locations, well lists and alerts are all available at your fingertips.



## DRILLING PERFORMANCE SERVICES



### DIRECTIONAL STEERING CONTROL SYSTEM

ROCKit® is a patented directional steering control system that oscillates drill pipe to reduce friction and increase rate of penetration.

### **REAL-TIME STICK SLIP MITIGATION**

REVit™ is a proven real-time stick slip mitigation system that extends bit life, reduces tool failures and increases penetration rate resulting in significant savings in drilling time and cost.

### **AUTOMATIC DRILLER**

DrillSmart<sup>™</sup> is Canrig's best-in-class automatic driller based on proprietary technology that allows the system to adapt to operating parameters and drilling conditions while optimizing performance.



Our K-Box Suite® permits the addition of new technology to older rigs, making them more competitive with new AC equipment. K-Box® is designed to function as the centralized operations control center for several sophisticated technologies. It offers integration of best-in-class drilling instrumentation, reporting and anti-collision controls. K-Box® was designed to accommodate the addition of future technologies as they are developed.





At Canrig we believe that successful new product development is achieved through the intelligent application of resources to existing problems or inefficiencies. The products and services we choose to develop are the result of listening to and understanding our customers' operational challenges.

Each new product development team consists of members drawn from our talented, multi-disciplinary pool of mechanical, electrical, electronic and software engineers and designers. This new product development strategy has given us services like DrillSmart™, ROCKit® and REVit™

that use complex software programs to enhance the capabilities of our capital equipment. The process has also allowed us to develop products like equipment condition monitoring, which utilizes myWells.com® to enable the latest generation of equipment maintenance techniques.

The Canrig new product development process is our primary strategy for growth. To this end we continue to invest significantly to ensure a steady stream of innovative products and services that enhance our customers' ability to operate safely, efficiently and more profitably.

# NEW PRODUCT DEVELOPMENT



General Information www.canrig.com

Sales Information info@canrig.com

**Canrig Support** (866) 433-4345

**Telephone** (281) 774-5600

Fax (281) 774-5610

### **Postal Address**

Corporate Headquarters 8223 Willow Place Drive South Houston, TX 77070 USA