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The Omron logo is displayed in a bold, black, sans-serif font. Below it, the words "OILFIELD & MARINE" are written in a smaller, black, sans-serif font. The background of the logo area is a dark blue gradient with a faint, white, stylized map of the United States. The entire logo is overlaid on a large, semi-transparent white circle that frames a photograph of an oil rig. The rig is a complex structure of metal towers and pipes, set against a blue sky. The overall background of the page is a dark blue gradient with a faint, white, stylized map of the United States.

**Omron**  
OILFIELD & MARINE

**Rig Automation**

Powrdriller™ from Omron Oilfield & Marine is the world's leading rig automation control solution. Omron specializes in AC technology designed to get the best performance from drilling rig equipment. We control the top drive, mud pumps, drawworks and rotary table, providing an entire package of power generating and power conversion equipment.

Omron Oilfield & Marine manufactures the entire control system, not just components. This eliminates layers of distribution and improves service and support. Omron control systems are also designed to be open to customer modifications, unlike closed proprietary systems that constantly require the involvement of the original manufacturer.

Omron control packages have the following features:

- Robust PLC platform
- Scalable and adaptable to future demand
- Drawworks tripping functionality
- Totally integrated control package
- Configurable stop points
- Load management
- Crown and floor saver
- Single joystick control of drawworks
- Multi-scaling and thread assist
- Computer controlled thread assist
- Auto drilling
- Optimization of multiple parameters
- Mud pump synchronization
- Mud pump pressure control
- Remote diagnostics



These features provide our customers with the following benefits:

- One stop shopping, with Omron responsible for making all parts work together on the rig
- Lower acquisition and operating cost
- Better information for faster decision making
- Drill more rapidly and more efficiently
- Longer thread life and easier casing connections
- Simultaneous control provides bumpless handoff between drilling parameters
- Remote diagnostic capabilities allow each rig to access the most experienced engineers and technicians
- Downtime is reduced
- Quicker resolution of equipment failures
- Improved equipment maintenance and longer equipment life

Omron controls are critically engineered, backed by a comprehensive maintenance and repair organization and proven in harsh environments. They can also be easily adapted to any third party system. These characteristics have allowed the company to assume a leadership position in the markets we serve.

***We're not taking AC to the industry- we're taking the industry to AC.***