RAPTR™

Automated Pressure Control for Drilling

E3 Company is proud to introduce RAPTR™, the newest product in our automated pressure control portfolio focused on increasing drilling speeds by providing enhanced options for circulating system pressure.

Drill faster by increasing standpipe pressure

APPLICATION

In drilling operations, the circulating system pressure is often a limiting factor to maximum efficiency. Within complex well construction, operating at maximum surface pressure while avoiding overpressure incidents is the desired application. Overpressure events are controlled with analog pressure relief devices with a specific range of pressure accuracy. To prevent overpressure events and NPT, additional pressure buffers are often implemented which further constrain the circulating system. Applying these traditional pressure management methods ultimately limits the capability of the drilling operation

RAPTR provides innovative, automated pressure relief for drilling operations. It replaces analog pressure control devices with automated pressure relief valves. Utilizing an imbedded, proprietary system, RAPTR controls the drilling circulating system with 99.9% accuracy. Standpipe pressure is then elevated confirming to the limit of the mud pump. Controlled by the driller using a remote HMI (Human Machine Interface), RAPTR operates in a self-contained mode or integrates with rig contractor control systems. With remote opening and closing of valves, calibration performed in seconds, and 10-day battery backup, RAPTR provides automated, pressure control for your circulating system.

CUSTOMER VALUE

Applying RAPTR's automated, pressure control to your complex drilling operations enables you to drill faster using increased standpipe pressure. Through this application, you will gain further operational efficiencies, increased safety, and ultimately cost savings.

INCREASES WORKING SURFACE PRESSURE

- ❖ Increases flow rate
- ❖ Increases motor output
- ❖ Increases hole cleaning capability
- ❖ Reduces redundant safety factors

FASTER SPUD TO TD

- ❖ Increases ROP
- ❖ Reduces connection times
- ❖ Reduces time spent cleaning, repairing, or replacing equipment

Why wait? Drill FASTER today.

To learn more or request a demo, email **sales@e3team.com**.

CREATING EXCELLENCE THROUGH simplified INNOVATION

Efficiency. Execution. Empowerment.

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