

Rushmore: Blowout Preventer Performance Review

World's leading peer-to-peer upstream
performance benchmarking community

Rushmore's Blowout Preventer Performance Review (BPR) means that Operators can now share standardized definitions and metrics, leading to more reliable identification of BOP timings impacts for subsea well activity.

What does the Blowout Preventer Performance Review provide?

Operators have been using the BPR to:

- Improve identification of subsea BOP problems during a rigs visit to a well
- Compare BOP performance among key peer groups
- Set targets for BOP performance and reliability and develop a factual case for change that facilitates discussion with stakeholders
- Shape the future of the review – Participants get an annual user group meeting to decide what data to share, the rules for sharing and suggest ways in which additional value can be provided

How does participation work?

- An Operator contracts to participate in at least one country for an initial three years
- An Operator provides data on all subsea wells that they are drilling and/or completing in the participating countries
- The data is independently quality checked and published on the website
- Access to other Operators data for that year is provided
- An Operator may also participate retrospectively
- If an Operator provides all subsea wells for all countries where it is drilling and/or completing, it will gain access to data from all countries, even if it has no activity there

What our clients are saying

"I have found Rushmore benchmarking far more thorough than many others in providing reliable, QC'd comparative data for establishing both internal and external baselines as part of a company's strategy to embed performance management practices. It is a process that allows us to gain understanding, collaborate on how to get better, and increase synergies, opening new methods and ideas to improve process effectiveness. We use the Rushmore data to promote a learning culture, which is key to continuous long-term Operational Excellence and our competitiveness."

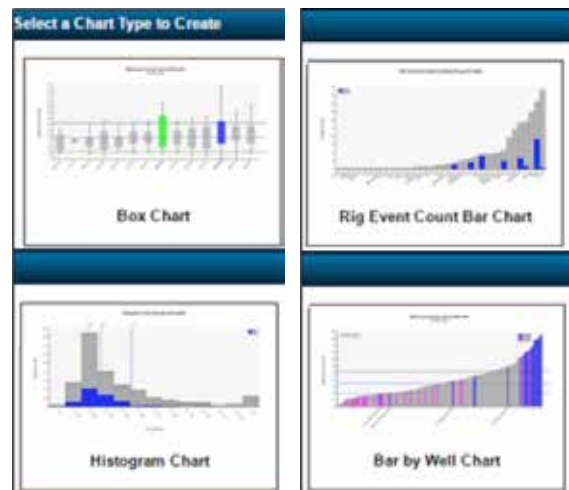
VP Global Drilling & Completions, Talisman

BPR Deliverables

The Blowout Preventer performance review contains approximately 64 total data fields, calculated from an Excel data submission of only 37 columns. Performance metrics which include breakdowns of the time spent on various BOP issues during a rig visit and a variety of charting tools which can be customized to suit your needs.

- Rig name, Rig contractor, Rig type, Market category
- BOP Manufacturers: Stack, Annular, Controls, Hydraulic or Mux
- BOP Configuration diagrams
- Work-scope during visit (Drilling, Completing, Abandoning), Completion type, X tree type
- Well identification and location detail
- Rig arrival and departure dates, suspension days during visit
- Seven different categories of BOP NPT, including Electrical, Hydraulic, Annular, Valves, Rams, & Connectors
- Number of BOP pulls due to failure, Number of BOP maintenance days during visit

| Metric |
|--|
| Days |
| Total BOP NPT Days |
| BOP Maintenance Days |
| BOP NPT incl. Maintenance Days |
| Rig Days on Location |
| Unplanned BOP Pulls Due to BOP Failure |
| Number of Unplanned Pulls |
| Number of Unplanned Pulls / Day |
| BOP NPT, Maintenance as a % of Rig Days |
| % Total BOP NPT |
| % BOP NPT incl. Maintenance |
| % NPT - Control System Hydraulic |
| % NPT - Control System Electrical |
| % NPT - Annular |
| % NPT - Valves |
| % NPT - Rams |
| % NPT - Connectors |
| % NPT - Subsurface |
| NPT Category as a % of BOP NPT Days |
| % NPT - Control System Hydraulic |
| % NPT - Control System Electrical |
| % NPT - Annular |
| % NPT - Valves |
| % NPT - Rams |
| % NPT - Connectors |
| % NPT - Subsurface |



For more information www.ihsmarket.com

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