



IHS ENERGY

IHS Rushmore: Drilling Performance Review

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

Testimonial

"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 increases 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."

Nadeem Hashmi

VP New Ventures, Global
Drilling & Completions,
Talisman, Canada, 2014

IHS Rushmore's Drilling Performance Review (DPR) is a global platform for oil and gas Operators to share, discuss and analyse global drilling data. The DPR contains data from over 170 Operators in over 100 countries.

What does the Drilling Performance Review provide?

Since 1989, Operators have been using the Drilling Performance Review to:

- Improve planning, design and budgeting of well operations
- Extract insight that can immediately impact operations in new regions
- Compare performance amongst key peer groups in time, cost and processes
- Set targets for performance improvement then measure that improvement

How does participation work?

- An Operator contracts to participate in at least one country for at least one year
- The Operator provides data on all wells it drills that year in each country in which it is participating
- The data is independently quality checked and published on the website
- Access to other Operators' data for that year is provided
- Other Operators' data from 1989-1999 provided free of charge
- An Operator may also participate retrospectively
- If an Operator provides all wells for all countries where it drills, then it accesses other countries where it does not drill

DPR Deliverables

The Drilling Performance Review contains approximately 120 total data fields, performance metrics for any set of wells and a host of charting options. Participants also gain access to tools such as the Rushmore Estimated Drilling Days (REDD) and the Rushmore Drilling Index (RDI). Some examples of what we provide include:

- Well identification
- Drilling technical details and methods
- Drilling fluid and coring / logging
- Hole size, Mud and Casings
- Time durations including NPT
- NPT codes
- Costs
- Time – depth chart
- Linked data definitions for each data element
- And, the ability to add planned wells against published wells to chart

Performance Metrics									
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All days are Dry Hole Days and all costs are Dry Hole Costs									
Metric	P10	Q1 P25	Q2 P50	Q3 P75	P90	Min	Mean	Max	Wells
Metres / Day	330	254	202	123	75	22	121	462	148
Metres / day excluding Core & Log	295	214	123	92	55	27	75	603	54
Days / 1000m	3.03	3.94	4.95	8.14	13.31	2.17	8.28	44.99	148
Days excluding Core & Log / 1000m	3.39	4.67	8.13	10.87	18.19	1.66	13.26	36.56	54
Cost / metre (USD)	287	414	531	858	2,874	138	1,254	8,420	148
Cost / day (k USD)	69	100	112	127	188	26	151	460	148
Drilling Difficulty (RDI)	29	35	37	46	52	26	42	107	51
% NPT ⓘ	2.3	7.1	14.6	23.3	29.4	0.0	19.6	60.1	54
% WOW	0.0	0.0	0.0	0.0	0.5	0.0	2.7	38.1	54

Help

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Sample Metrics Table available in Drilling Performance Review

For more information

www.ih.com

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