

# Rushmore: Abandonment Performance Review

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

Rushmore's Abandonment Performance Review (APR) is the leading platform for oil and gas Operators to share, discuss and analyze global well abandonment data.

## What does the Abandonment Performance Review provide?

Since 2008, Operators have been using the Abandonment Performance Review to answer questions such as:

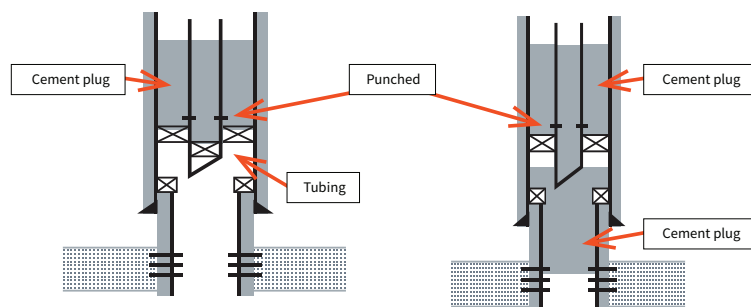
- How do my abandonments compare with others in terms of cost and time?
- Am I 'over engineering' my designs?
- Are others using more effective techniques?
- What failures are other Operators experiencing?
- What auditable data can I use to calculate future abandonment liabilities?

### Through-tubing cement plug

On wireline plug and  
through punched tubing

### Through-tubing cement plug

Cement is squeezed into perforations and  
through punched tubing



Schematics for well abandonment

## What our clients are saying

“Equinor is using Rushmore Reviews primarily for external benchmarking to ensure our drilling and well performance remains among the best in class. The Reviews are useful to benchmark and quality check our time and cost estimates for planned wells, in particular for regions where little or no internal data exist. The reporting side of Rushmore Reviews is a great way to QC our internal data.”

**Svein Kåre Dahle,**  
Engineer D&W  
Operations, Equinor  
ASA, Norway, 2019

## Why should Operators participate?

Designed as an Operators-only community-based platform, Rushmore services enable transparent and detailed peer-to-peer performance improvement with standardized data sharing, data-driven analytics and identification of risks or non-productive time (NPT).

Furthermore, the APR helps Operators to understand:

- What savings are typically achieved in abandonment campaigns
- Who to work with to share best practices
- Which technology trials are appropriate
- What other Operators have learned
- What regulatory differences there are between countries and how these impact on cost and time outputs

## 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 abandons that year in each country in which it is participating
- The data is independently quality checked and published on the website
- Special rules apply to pre-2008 data
- Operators can join without previously having performed any abandonments

## APR Deliverables

If a well is not fully abandoned, but one or more phases has been complete, the data for the work done is submitted.

- Well details: name, location, technical descriptions
- Fluids, H<sub>2</sub>S, CO<sub>2</sub>, LSA, HPHT, Wellhead type, etc.
- Work done: cutting, milling, retrieval, barriers set
- Time durations: rig and rigless operations, NPT, WOW
- Costs
- ‘Before’ and ‘after’ schematic diagrams
- Description of well prior to abandonment
- Description of work scope
- Details & timings per phase
- Total, NPT, and WOW times
- Total and phased costs
- Complexity

For more information [www.ihsmarkit.com](http://www.ihsmarkit.com)

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## About IHS Markit

IHS Markit (Nasdaq: INFO) is a world leader in critical information, analytics and solutions for the major industries and markets that drive economies worldwide. The company delivers next-generation information, analytics and solutions to customers in business, finance and government, improving their operational efficiency and providing deep insights that lead to well-informed, confident decisions. IHS Markit has more than 50,000 key business and government customers, including 80 percent of the Fortune Global 500 and the world's leading financial institutions. Headquartered in London, IHS Markit is committed to sustainable, profitable growth.