

# How improving a well review process led a major Oil & Gas producer to a long term commitment to visual analytics

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What started from a desire to create a more efficient well review process has delivered far greater benefits for a major Oil & Gas producer's Canadian operations. Over the last four years the company has built a cultural commitment to visual analytics that streamlines and strengthens its employees' work in everything from operations to IT. Here's the story of their analytics journey.

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## The Challenge

The problem was simple enough. A major Oil & Gas producer was looking to facilitate a fully-integrated well review process for its Canadian operations that incorporated both financial and production data. Like many organizations that hadn't fully embraced analytics, their existing review processes were burdensome. Assembling all the data for a well review in Excel used to take three engineers approximately 3.5 days. That process was a significant and regular time drain that drew them away from other important work.

Operations management was aware of the VERDAZO product (then known as VISAGE), the Verdazo team's expertise in industry best practices and the software's ability to integrate multiple data sources. A decision was made to implement the VERDAZO software as part of a streamlined well review process.

## The Approach

The Verdazo Analytics team worked closely with the producer to define an integrated well review process. In particular, the producer was able to leverage VERDAZO's pre-built configurations, charts and workflows that enable fast time-to-value for new users of the software. The results of the new review process were remarkable. When viewed through a lens that took in all 24 well reviews the company completed each year, they were able to save time that exceeded \$175,000 annually in costs along with freeing up engineers to focus on other critical tasks. That was only part of the value, though. The company became increasingly collaborative and proactive around well optimization decisions. »

