

Supermajor Case Study

Intelligent Report Automation: Shell Specialist Geosciences

Customization

An Excel worksheet accepts a list of IDs from the geochemist. Shell's internal database is queried for all related data. Results are grouped and sorted. Shell's proprietary format of geochemistry data is decoded and chart(s) are rendered. The geochemist is presented with a review pane. Clean data and charts are fed to Docmo for producing the report.

Docmo Automation

Units are converted (m or ft). Inventory of data is prepared. Duplicates are highlighted. Out-of-context template content is removed. One worksheet per test, and one workbook per ID are produced. Workbooks are named using ID and auto-revision number if necessary.

"A real game-changer. Now we can provide reports which are not a static .pdf. The Geochemists can do actual interpretation rather than being bogged down with endless tweaks and corrections. They didn't earn PhDs to delete rows and adjust margins all day.

And it's nice to know that iterating the build is quick and simple."

Preface

The Technical Data Management Geochemistry team produces detailed reports on oil samples. The team produces one to several each month.

Hours of focus and attention are required.

They merge more than fifteen data tables, select relevant datasets, manipulate and format data, exclude irrelevant parts of the report template, and save as an Excel file.

92% reduced effort

13 hours reduced to 1 hour or less.

Up to

\$14,000 savings per report



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