

CASE STUDY

EXCALIBUR DRILLING



EXCALIBUR
DRILLING LTD.

SUMMARY STATEMENT

Excalibur Drilling operates high performance, identical, telescopic double-drilling rigs with measured depth capabilities of over 4500m, & total vertical depth of 2800m.

THE CHALLENGE

Like many other oil and gas companies, Excalibur has a distributed workforce across numerous sites, working numerous drilling rigs.

The sheer size of their operations & the number of people they employ requires everyone from rig managers to workers to be engaged and cooperative with safety initiatives, including filling out documentation.

Increases in administrative work resulting from a climbing document total were overwhelming. The extended workload left the company's Manager of Safety and Environment, Roger McLeod, CRSP, feeling overwhelmed in the field.

In addition to the individual burdens Excalibur OH&S personnel faced, three years ago Excalibur experienced insurance surcharges that left them paying 12% more than the industry average.

To Roger McLeod, the only time he felt he was making an influence on the company

safety culture was the three hours he spent with Rig Managers and their crew during his field inspections.

eCompliance: from one man's tool to a company-wide safety solution

When Mr. McLeod began using eCompliance, he viewed it as simply an administrative aid – something that he could use to organize his files and help him oversee Excalibur's increasingly complex Health and Safety Management needs.

He had no idea how using eCompliance would ultimately shape the company's safety culture and reporting.

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At one point, I was tracking 8,400 documents that came across my desk in one year. I felt painted into a corner.

Roger McLeod, Manager of Safety & Environment — Excalibur Drilling

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The Key: Involving Workers

Health and Safety managers know that in order to have a successful safety program and a strong safety culture in the workplace, efforts need to be made to continually involve workers in development and implementation.

With a paper-based system, Mr. McLeod realized the change he sought was impossible. Mr. McLeod initially never foresaw the sweeping, company-wide changes and overwhelming worker engagement when he began using eCompliance's mobile application.

He intended only to be able to leave sites with an inspection completed, a report with the Rig Manager, and a reduced paperwork load.

However, upon using eCompliance to share PDF copies of inspection reports with senior management, Rig Managers, and Operator Representatives in the field, he began envisioning expanded uses for eCompliance. A paperless inspection program was the first step.

After piloting the program on one rig and developing 6 inspection templates with the Rig Manager, Mr. McLeod moved the program forward.

In three months, the number of user-created templates doubled. Supervisors found new uses for templates, and the time spent on inspections shortened and was used more effectively. Rapidly, the efficacy of the paperless, eCompliance spread from rig-to-rig by word of mouth.

For more information visit:
ecompliance.com/case-studies

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With a paper-driven program, the ability to involve workers was very limited and changes made to the system seemed to move at a snail's pace.

Roger McLeod, Manager of Safety & Environment — Excalibur Drilling

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Within three years, Excalibur's use of eCompliance's mobile application grew from a single individual on one tablet, completing about 12 reports a month, to over 17 tablets throughout the company, around 750 uploaded documents every month, and an external audit assessment of 90%.

On top of that, Excalibur's insurance costs dropped to 34% less than the industry average within just three years of using eCompliance.